
WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 1994

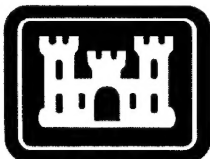
Part 4—
Waterways and Harbors
Pacific Coast, Alaska and Hawaii

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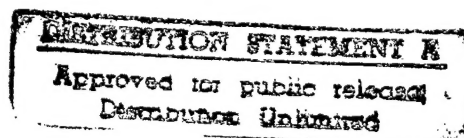


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WATERBORNE COMMERCE OF THE UNITED STATES

Calendar Year 1994

Part 4—
Waterways and Harbors
Pacific Coast, Alaska and Hawaii



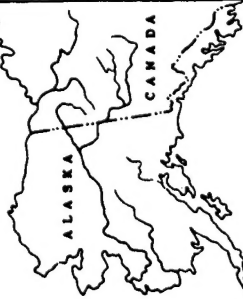
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PART 4

ARCTIC OCEAN

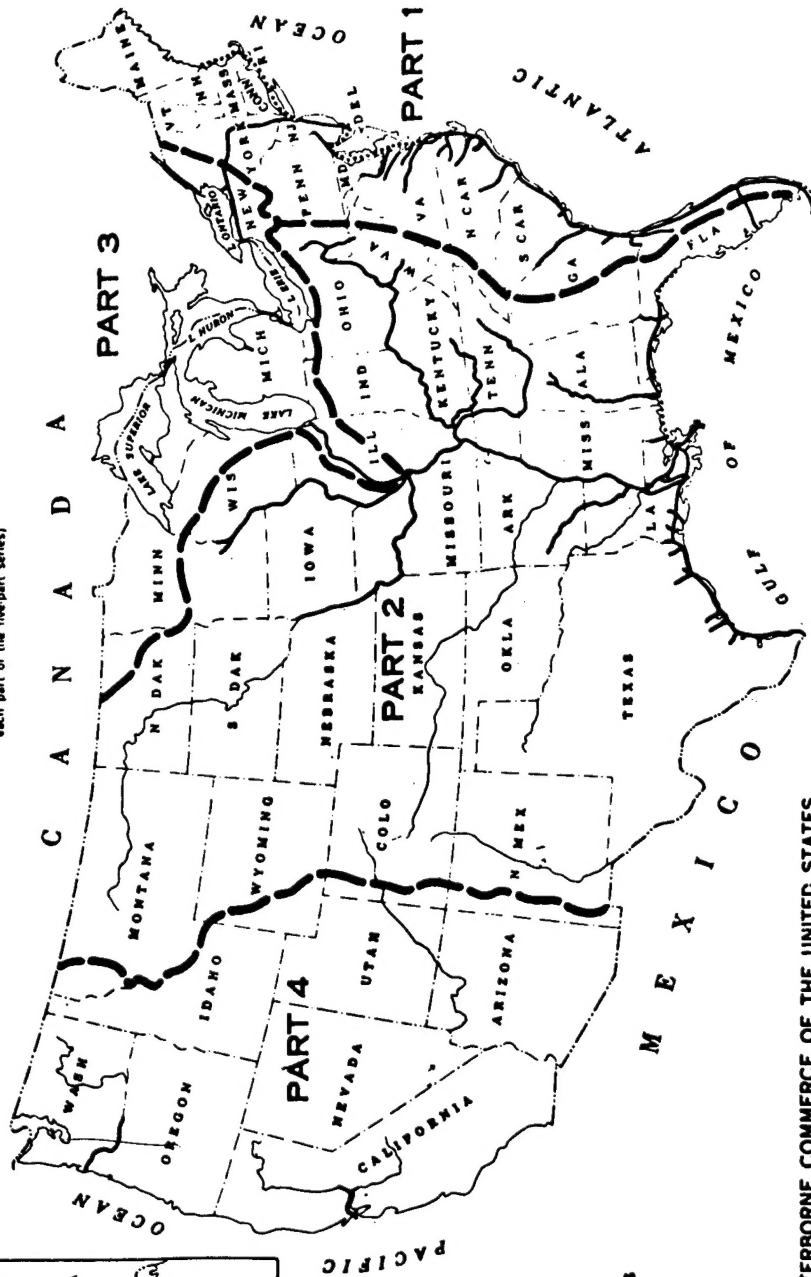


PACIFIC OCEAN

SCALE HALF SIZE

Geographical Areas Covered by Waterborne Commerce Statistics Publications of the DEPARTMENT OF THE ARMY CORPS OF ENGINEERS

(Heavy broken lines indicate the limits embraced by each part of the five-part series)



INLAND WATERWAYS LEGEND

- PRINCIPAL IMPROVED WATERWAYS
- (IN OPEN WATER)

PART 4

PACIFIC OCEAN



HAWAII

WATERBORNE COMMERCE OF THE UNITED STATES

- Part 1 - Atlantic Coast
- Part 2 - Gulf Coast, Mississippi River System and Antilles
- Part 3 - Great Lakes
- Part 4 - Pacific Coast, Alaska and Hawaii
- Part 5 - Waterborne Commerce of the United States (National Summary)

PART 2

ATLANTIC OCEAN



PART 5

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Introduction

General

Waterborne Commerce of the United States, WCUS, Part 4 is one of a series of publications which provides statistics on the foreign and domestic waterborne commerce moved on the United States waters. WCUS, Parts 1-4 present detailed data on the movements of vessels and commodities at the ports and harbors and on the waterways and canals of the United States, the Commonwealth of Puerto Rico, and the Virgin Islands.

The publication numbers and the geographical areas covered in WCUS, Parts 1-5 are detailed below:

WCUS, Part 1 Atlantic Coast

WCUS, Part 2 Gulf Coast, Mississippi River System and Antilles

WCUS, Part 3 Great Lakes

WCUS, Part 4 Pacific Coast, Alaska and Hawaii

WCUS, Part 5 National Summaries

Legal Authority

The legal authority for the collection, compilation and publication of waterborne commerce statistics by the Army Corps of Engineers is Section 11 of the Rivers and Harbors Appropriations Act of 1922 (42 Stat. 1043), as amended, and codified in 33 U.S.C. 555 and provides the following:

Owners, agents, masters, and clerks of vessels and other craft plying upon the navigable waters of the United States, and all individuals and corporations engaged in transporting their own goods upon the navigable waters of the United States, shall furnish such statements relative to vessels, passengers, freight and tonnage as may be required by the Secretary of the Army: Provided. That this provision shall not apply to those rafting logs, except upon a

direct request upon the owner to furnish specific information.

Every person or persons offending against the provisions of this section shall, for each and every offense, be liable to a fine of not more than \$5,000 or imprisonment not exceeding two months, to be enforced in any district court of the United States within whose territorial jurisdiction such offense may have been committed. In addition, the Secretary may assess a civil penalty of up to \$2,500 per violation against any person or entity, that fails to provide timely, accurate statements required to be submitted pursuant to this section by the Secretary.

The vessel and commodity movement information collected and compiled is designed to meet the data requirements of the Department of the Army in connection with the duties assigned by Congress. These data also provide valuable information for other governmental departments, commercial and shipping concerns and others interested in the U.S. transportation industry.

Domestic Commerce

Contiguous and non-contiguous states and territories constitute the geographical space upon which domestic commerce may be transported. This includes Hawaii, Alaska, the 48 contiguous states, Puerto Rico and the Virgin Islands, Guam, American Samoa, Wake Island and the U.S. Trust Territories.

The waterborne traffic movements are reported to the Corps of Engineers by all vessel operators of record on ENG Forms 3925 and 3925b (or equivalent) approved by the Office of Management and Budget under the Paperwork Reduction Act (44 U.S.C. 3510(a)). The reports are generally submitted on the basis of individual

vessel movements completed. For movements with cargo, the point of loading and the point of unloading of each individual commodity must be delineated. Cargo moved for the military agencies in commercial vessels is reported as ordinary commercial cargo; military cargo movements in Department of Defense vessels are not collected.

In summarizing the domestic commerce certain movements are excluded: Cargo carried on general ferries; coal and petroleum products loaded from shore facilities directly into bunkers of vessels for fuel; and insignificant amounts of government materials (less than 100 tons) moved on government owned equipment in support of Corps projects.

The fish landing data is furnished by the National Marine Fisheries Service. No domestic fishing vessel trips are included in the trip and draft data of the Trips and Drafts Section.

Foreign Commerce

Foreign commerce is waterborne import and export traffic between the United States, Puerto Rico and the Virgin Islands and any foreign country. These statistics do not include traffic between Guam, Wake Island and American Samoa and any other foreign country.

Foreign commerce data are furnished to the Corps of Engineers by the Bureau of the Census under a working arrangement sponsored by the Office of Management and Budget. The data are confined to vessel movements by water and are reconcilable with published reports of the Bureau of Census with the exception of LOOP Oil Terminal and Skagway Wharf reports which are manually entered as imports by the Corps of Engineers.

The Republic of Panama is considered a foreign country. However, individual vessel movements with origin and destination at United States ports traveling via the Panama Canal are considered domestic traffic. Alaskan crude oil (origin at Valdez, AK) shipped via the Panama pipeline (west to east) and destined for gulf and east coast ports is also considered domestic commerce.

Import and export shipments for use of the United States Armed Forces abroad are not reported to WCSC. Beginning with calendar year 1989 shipments under the military assistance

program of the Department of Defense are included in the statistics under the appropriate commodity code. In prior years these cargoes were given as commodity code 9999.

Commodity Descriptions

The first two digits of the WCSC publication codes correspond with the Lock Performance Monitoring System, LPMS, commodity codes. Both LPMS and WCSC codes were standardized to reflect the hierarchical structure of the Standard Industrial Trade Classification (SITC) Revision 3 commodity codes. SITC, Rev. 3 commodity codes conform to the Harmonized Commodity Description and Coding System (HS). Using SITC, Rev. 3 allows direct comparisons with U.S. imports and exports, as well as, with commodity movements of other countries.

Tonnage

The tonnage figures provided throughout the Waterborne Commerce of the United States (WCUS) Parts 1-5 represent short tons (2000 pounds). Tonnage figures are rounded to the nearest 1000 tons.

A zero represents less than 500 tons but more than zero. Dashes mean zero tons. Columns and rows may not add up exactly to totals and subtotals due to rounding.

Some freight tables have "Total" and "Grand Total". The "Total" means that in some cases it is the total for domestic or foreign and Canadian traffic. The "Grand Total" specifically represents the sum total of all the different traffics, including all domestic and foreign traffic. If a particular column or traffic type has only dashes and zeroes in the tonnage fields for that entire freight table then that column (traffic type) will not print.

Ton-Miles

For lakewise domestic movements, ton-miles equal the cargo tonnage times the distance between the U.S. Great Lakes ports. For overseas imports and exports, foreign ton-miles are computed by multiplying the cargo tonnage by the miles carried on U.S. waterways and channels. Ton-miles are rounded to the nearest 1000 ton-miles. The ton-mile data appears in the publication by traffic type at the end of a

particular freight table for a given project. Since there are columns that will not print (see tonnage above) the ton-miles associated with these columns will likewise not be included in the total ton-miles for that particular freight table. They will be included in "Ton-miles All Traffic" at the end of the project.

Trips

A trip is a vessel movement. For self-propelled vessels, a trip is logged between every point of departure and every point of arrival. For loaded barges, a trip is logged from the point of the loading of the barge to the point of unloading of the barge (i.e., excluding fleeting areas). For empty barges, trips are logged from point of unloading to the point of loading counting the fleeting areas in between (e.g. if an empty barge moved from Dock A to Dock B and the barge stopped at three fleeting areas in between, then 4 trips are logged.)

Some towboat trips and empty barge moves are estimated from a sample to expedite processing and reduce costs. Even with sampling, however, the number of towboat trips

are calculated from more than 70% of the total number of towboat moves reported, and the number of barge trips are derived from more than 85% of the total number of barge trips reported.

The number of trips also includes vessels engaged in foreign trade. These moves are furnished by the Bureau of Census who process the data collected on U.S. Customs entrance and clearance forms.

To more accurately reflect actual traffic patterns (e.g. inbound versus outbound trip counts), some adjustments are made to the trip counts in the trip and draft tables in this publication.

Special Interest

... For calendar year 1994, the State of California did not furnish the fish statistics in time for this printing.

... Passenger totals are not included in this publication but are available on request.

Terminology

Types of Traffic

Foreign

Imports

Overseas: Inbound merchandise for direct consumption and entries into custom bonded storage and manufacturing warehouses originating in foreign countries other than Canada.

Canadian: Inbound merchandise for direct consumption and entries into custom bonded storage and manufacturing warehouses originating in Canada.

Exports

Overseas: Outbound domestic merchandise and re-export of foreign merchandise from a U.S. foreign trade zone destined for foreign countries other than Canada.

Canadian: Outbound domestic merchandise and re-export of foreign merchandise from a U.S. foreign trade zone destined for Canada.

Intransit Merchandise: Inbound merchandise coming into the United States from a foreign country and shipped to a foreign country without having been entered as an import. Intransit merchandise is treated as an **Import** when unloaded from a vessel and as an **Export** when loaded onto a vessel.

Domestic

Coastwise: Domestic traffic receiving a carriage over the ocean, or the Gulf of Mexico, (e.g. New Orleans to Baltimore, New York to Puerto Rico, San Francisco to Hawaii, Alaska to Hawaii). Traffic between Great Lakes ports and seacoast ports, when having a carriage over the ocean, is also termed **Coastwise**.

Lakewise: Waterborne traffic between the United States ports on the Great Lakes System. The Great Lakes System is treated as a separate waterway system rather than as a part of the inland waterway system. In comparing historical data for the Great Lakes System, one should note that prior to calendar year 1990, marine products, sand and gravel being moved from the Great Lakes to Great Lake destinations were classified as local traffic. From 1990 on, these activities are classified as lakewise traffic.

Internal: Vessel movements (origin and destination) which take place solely on inland waterways. An inland waterway is one geographically located within the boundaries of the contiguous 48 states or within the boundaries of the State of Alaska.

The term "internal traffic" is also applied to these vessel movements: those which involve carriage on both inland waterways and the Great Lakes; those occurring between offshore areas and inland waterways (e.g., oil rig supplies and fish); and those taking place within Delaware Bay, Chesapeake Bay, Puget Sound, and the San Francisco Bay, which are considered internal bodies of water rather than arms of the ocean.

Intraport: Movement of freight within the confines of a port whether the port has one or several arms or channels included in the port definition. This traffic type will not include car-ferries and general ferries moving within a port.

Through: Movements transiting a waterway, or stretch thereof, as defined in the project description of individual tables, and having origins and destinations outside of the defined area.

DTIC QUALITY INSPECTED 4

Intra-waterway: Movements within the limits of a river, waterway or canal. This traffic will not include car-ferries and general ferries moving within a waterway or Corps project.

Intra-territory: Traffic between ports in Puerto Rico and the Virgin Islands, U.S.A. which are considered a single unit.

Traffic Direction

Waterways

Upbound: Traffic that moves in an upstream direction. For waterways without a characteristic monodirectional flow (e.g. the Gulf Intracoastal Waterway), "upbound" means in a northerly or easterly direction.

Downbound: Traffic that moves in a downstream direction. For waterways without a characteristic monodirectional flow, "downbound" means in a southerly or westwardly direction.

Inbound: Traffic moving from one waterway into another where the destination is on the subject waterway.

Outbound: Traffic moving from one waterway into another where the origin is on the subject waterway.

Ports

Receipts: Traffic moving from one location to another where the destination is within the limits of the subject port.

Shipments: Traffic moving from one location to another where the origin is within the limits of the subject port.

Commodity Descriptions: The first two digits of the WCSC publication codes correspond with the Lock Performance Monitoring System, LPMS, commodity codes. Both LPMS and WCSC codes were standardized to reflect the hierarchical structure of the Standard Industrial Trade Classification (SITC) Revision 3 commodity codes. SITC, Rev. 3 commodity codes conform to the Harmonized Commodity Description and Coding System (HS). Using SITC, Rev. 3 allows direct comparisons with U.S. imports and exports, as well as with commodity movements of other countries.

Tons: The tonnage figures provided throughout the Waterborne Commerce of the United States (WCUS) Parts 1-5 represent short tons (2000 pounds).

Where noted tonnage figures are rounded to the nearest thousand tons. A zero represents less than 500 tons but more than zero. Dashes mean zero tons. Columns and rows may not add up exactly to totals and subtotals due to rounding.

Ton-miles: Water carriage ton-miles were first compiled and published in calendar year 1962. The distances used are statute miles. Domestic ton-miles are calculated by multiplying the tons of commerce being moved by the number of miles actually moved on the water (e.g. 50 short tons moving 200 miles on a particular waterway would yield ten thousand ton-miles for that waterway). The ton-mile parameter measures the total performance of a waterway. Ton-miles are not computed for ports.

For coastwise traffic this represents the mileage on the shortest route that safe navigation permits between the point of origin and destination. The source of this distance information for coastwise traffic is the publication, Distance Between United States Ports, published by the National Oceanic and Atmospheric Administration (1987).

For rivers and inland waterways the distances were computed from waterway survey maps and records of the Corps of Engineers.

For the Great Lakes system the ton-miles are computed for movements of cargo west of the international boundary of St. Regis, Quebec, Canada to head of the lakes at Duluth/Superior.

For Canadian imports and exports, foreign ton-miles are computed as the tonnage times the distance between the U.S. and Canadian ports.

For lakewise domestic movements, ton-miles equal the cargo tonnage times the distance between the U.S. Great Lakes ports.

For overseas imports and exports, foreign ton-miles are computed by multiplying the cargo tonnage by the miles carried on U.S. waterways and channels.

Ton-miles are rounded to the nearest thousand.

Trans-Shipments: Ports and offshore anchorages where cargo is moved from one vessel to another.

These are: St. Lucia, Virgin Islands; Heald Bank off LA-TX coast; Chirqui Grande, Panama; Puerto Armuelles, Panama; and Hondo Platform-Pacific Ocean.

Commodity Classification List

Major Grouping

Minor Grouping

Pub Group Pub Name

00 Units

0200 Vehicles
0300 Passengers

10 Coal

1100 Coal
1200 Coal Coke

20 Petroleum & Petroleum Products

21 Crude Petroleum

2100 Crude Petroleum

22-29 Petroleum Products

2211 Gasoline
2221 Kerosene
2330 Distillate Fuel Oil
2340 Residual Fuel Oil
2350 Lube Oil & Greases
2410 Petro. Jelly & Waxes
2429 Naphtha & Solvents
2430 Asphalt, Tar & Pitch
2540 Petroleum Coke
2640 Liquid Natural Gas
2990 Petro. Products NEC

30 Chemicals and Related Products

31 Fertilizers

3110 Nitrogenous Fert.
3120 Phosphatic Fert.
3130 Potassic Fert.
3190 Fert. & Mixes NEC

32 Other Chemicals and Related Products

3211 Acyclic Hydrocarbons
3212 Benzene & Toluene
3219 Other Hydrocarbons
3220 Alcohols
3230 Carboxylic Acids
3240 Nitrogen Func. Comp.
3250 Organo-Inorganic Comp
3260 Organic Comp. NEC
3271 Sulphur (Liquid)
3272 Sulphuric Acid
3273 Ammonia
3274 Sodium Hydroxide
3275 Inorg. Elem., Oxides,
& Halogen Salts
3276 Metallic Salts
3279 Inorganic Chem. NEC
3281 Radioactive Material

Major Grouping

Minor Grouping

Pub Group Pub Name

3282 Pigments & Paints
3283 Coloring Mat. NEC
3284 Medicines
3285 Perfumes & Cleansers
3286 Plastics
3291 Pesticides
3292 Starches, Gluten, Glue
3293 Explosives
3297 Chemical Additives
3298 Wood & Resin Chem.
3299 Chem. Products NEC

40 Crude Materials, Inedible Except Fuels

41 Forest Products, Wood and Chips

4110 Rubber & Gums
4150 Fuel Wood
4161 Wood Chips
4170 Wood in the Rough
4189 Lumber
4190 Forest Products NEC

42 Pulp and Waste Paper

4225 Pulp & Waste Paper

43 Soil, Sand, Gravel, Rock and Stone

4310 Building Stone
4322 Limestone
4323 Gypsum
4327 Phosphate Rock
4331 Sand & Gravel
4333 Dredged Material
4335 Waterway Improv. Mat
4338 Soil & Fill Dirt

44 Iron Ore and Scrap

4410 Iron Ore
4420 Iron & Steel Scrap

45 Marine Shells

4515 Marine Shells

46 Non-Ferrous Ores and Scrap

4630 Copper Ore
4650 Aluminum Ore
4670 Manganese Ore
4680 Non-Ferrous Scrap
4690 Non-Ferrous Ores NEC

47 Sulphur, Clay and Salt

4741 Sulphur, (Dry)
4782 Clay & Refrac. Mat.
4783 Salt

48 Slag

4860 Slag

49 Other Non-Metal. Min.

4900 Non-Metal. Min. NEC

Commodity Classification List (continued)

Major Grouping

Minor Grouping

Pub Group Pub Name

- 50 Primary Manufactured Goods
 - 51 Paper Products
 - 5110 Newsprint
 - 5120 Paper & Paperboard
 - 5190 Paper Products NEC
 - 52 Lime, Cement and Glass
 - 5210 Lime
 - 5220 Cement & Concrete
 - 5240 Glass & Glass Prod.
 - 5290 Misc. Mineral Prod.
 - 53 Primary Iron and Steel Products
 - 5312 Pig Iron
 - 5315 Ferro Alloys
 - 5320 I&S Primary Forms
 - 5330 I&S Plates & Sheets
 - 5360 I&S Bars & Shapes
 - 5370 I&S Pipe & Tube
 - 5390 Primary I&S NEC
 - 54 Primary Non-Ferrous Metal Products
 - 5421 Copper
 - 5422 Aluminum
 - 5429 Smelted Prod. NEC
 - 5480 Fab. Metal Products
 - 55 Primary Wood Products; Veneer
 - 5540 Primary Wood Prod.
- 60 Food and Farm Products
 - 61 Fish
 - 6134 Fish (Not Shellfish)
 - 6136 Shellfish
 - 62-64 Grain
 - 6241 Wheat
 - 6344 Corn
 - 6442 Rice
 - 6443 Barley & Rye
 - 6445 Oats
 - 6447 Sorghum Grains
 - 65 Oilseeds
 - 6521 Peanuts
 - 6522 Soybeans
 - 6534 Flaxseed
 - 6590 Oilseeds NEC
 - 66 Vegetable Products
 - 6653 Vegetable Oils
 - 6654 Vegetables & Prod.
 - 67 Processed Grain and Animal Feed
 - 6746 Wheat Flour
 - 6747 Grain Mill Products
 - 6781 Hay & Fodder
 - 6782 Animal Feed, Prep.

Major Grouping

Minor Grouping

Pub Group Pub Name

- 68 Other Agricultural Products
 - 6811 Meat, Fresh, Frozen
 - 6817 Meat, Prepared
 - 6822 Dairy Products
 - 6835 Fish, Prepared
 - 6838 Tallow, Animal Oils
 - 6839 Animals & Prod. NEC
 - 6856 Bananas & Plantains
 - 6857 Fruit & Nuts NEC
 - 6858 Fruit Juices
 - 6861 Sugar
 - 6865 Molasses
 - 6871 Coffee
 - 6872 Cocoa Beans
 - 6885 Alcoholic Beverages
 - 6887 Groceries
 - 6888 Water & Ice
 - 6889 Food Products NEC
 - 6891 Tobacco & Products
 - 6893 Cotton
 - 6894 Natural Fibers NEC
 - 6899 Farm Products NEC
- 70 All Manufactured Equipment, Machinery and Products
 - 7110 Machinery (Not Elec)
 - 7120 Electrical Machinery
 - 7210 Vehicles & Parts
 - 7220 Aircraft & Parts
 - 7230 Ships & Boats
 - 7300 Ordnance & Access.
 - 7400 Manufac. Wood Prod.
 - 7500 Textile Products
 - 7600 Rubber & Plastic Pr.
 - 7800 Empty Containers
 - 7900 Manufac. Prod. NEC
- 80 Waste and Scrap NEC
 - 8900 Waste and Scrap NEC
- 90 Unknown or Not Elsewhere Classified
 - 99 Unknown or Not Elsewhere Clsfd
 - 9900 Unknown or NEC

Section 1 Freight Traffic

SAN DIEGO HARBOR, CA

Section Included: Entire harbor. Controlling and Project Depths: 42 feet in entrance channel; 30 to 42 feet in Bay Channel, and turning basin 26 to 35 feet in anchorage areas; 10 to 16 feet in other channels and areas.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 2,873 | 1990 | 1,280 |
| 1986 | 2,344 | 1991 | 904 |
| 1987 | 2,956 | 1992 | 638 |
| 1988 | 2,017 | 1993 | 1,294 |
| 1989 | 1,741 | 1994 | 1,167 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | |
|--|--------------|------------|------------|-----------|------------|------------|-----------|
| | | Imports | Exports | Imports | Total | Coastwise | Internal |
| | | | | | Receipts | Receipts | Receipts |
| Total, all commodities | 1,167 | 245 | 600 | 60 | 262 | 184 | 78 |
| Total petroleum and petroleum products | 125 | 40 | 10 | ----- | 75 | 75 | ----- |
| Subtotal petroleum products | 125 | 40 | 10 | ----- | 75 | 75 | ----- |
| 2211 gasoline | 28 | ----- | ----- | ----- | 28 | 28 | ----- |
| 2330 distillate fuel oil | 2 | ----- | ----- | ----- | 2 | 2 | ----- |
| 2340 residual fuel oil | 86 | 40 | ----- | ----- | 46 | 46 | ----- |
| 2350 lube oil & greases | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 2430 asphalt, tar & pitch | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 2540 petroleum coke | 10 | ----- | 10 | ----- | ----- | ----- | ----- |
| Total chemicals and related products | 672 | 119 | 553 | ----- | ----- | ----- | ----- |
| Subtotal fertilizers | 170 | 119 | 51 | ----- | ----- | ----- | ----- |
| 3110 nitrogenous fert. | 93 | 93 | ----- | ----- | ----- | ----- | ----- |
| 3130 potassic fert. | 51 | ----- | 51 | ----- | ----- | ----- | ----- |
| 3190 fert. & mixes nec | 26 | 26 | 0 | ----- | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 502 | 0 | 502 | ----- | ----- | ----- | ----- |
| 3219 other hydrocarbons | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3220 alcohols | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3230 carboxylic acids | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3240 nitrogen func. comp. | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3250 organo- inorgan. comp | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3260 organic comp. nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3276 metallic salts | 495 | ----- | 495 | ----- | ----- | ----- | ----- |
| 3282 pigments & paints | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3283 coloring mat. nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3284 medicines | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3285 perfumes & cleansers | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| 3286 plastics | 3 | ----- | 3 | ----- | ----- | ----- | ----- |

SAN DIEGO HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | | Grand Total | Foreign | | Canadian | Domestic | | |
|---|------------------------|----------------|-----------|-----------|-----------|------------|------------|-----------|
| | | | Imports | Exports | Imports | Total | Coastwise | Internal |
| | | | | | | | Receipts | Receipts |
| 3291 | pesticides | 1 | ----- | 1 | ----- | ----- | ----- | ----- |
| 3292 | starches, gluten, glue | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3297 | chemical additives | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3298 | wood & resin chem. | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3299 | chem. products nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | | 237 | 28 | 22 | ----- | 187 | 108 | 78 |
| Subtotal forest products, wood and chips | | 217 | 28 | 2 | ----- | 187 | 108 | 78 |
| 4170 | wood in the rough | 2 | ----- | 2 | ----- | ----- | ----- | ----- |
| 4189 | lumber | 109 | ----- | 0 | ----- | 108 | 108 | ----- |
| 4190 | forest products nec | 106 | 28 | 0 | ----- | 78 | ----- | 78 |
| Subtotal pulp and waste paper | | 6 | ----- | 6 | ----- | ----- | ----- | ----- |
| 4225 | pulp & waste paper | 6 | ----- | 6 | ----- | ----- | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 4331 | sand & gravel | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal non-ferrous ores and scrap | | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 4650 | aluminum ore | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 4690 | non-ferrous ores nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal sulphur, clay and salt | | 3 | ----- | 3 | ----- | ----- | ----- | ----- |
| 4782 | clay & refrac. mat. | 3 | ----- | 3 | ----- | ----- | ----- | ----- |
| Subtotal other non-metal. min. | | 11 | ----- | 11 | ----- | ----- | ----- | ----- |
| 4900 | non-metal. min. nec | 11 | ----- | 11 | ----- | ----- | ----- | ----- |
| Total primary manufactured goods | | 68 | 4 | 4 | 60 | ----- | ----- | ----- |
| Subtotal paper products | | 63 | ----- | 3 | 60 | ----- | ----- | ----- |
| 5110 | newsprint | 60 | ----- | ----- | 60 | ----- | ----- | ----- |
| 5120 | paper & paperboard | 3 | ----- | 3 | ----- | ----- | ----- | ----- |
| 5190 | paper products nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal lime, cement and glass | | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| 5290 | misc. mineral prod. | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| Subtotal primary iron and steel products | | 3 | 3 | 0 | ----- | ----- | ----- | ----- |
| 5330 | i&s plates & sheets | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 5360 | i&s bars & shapes | 3 | 3 | ----- | ----- | ----- | ----- | ----- |
| 5370 | i&s pipe & tube | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | | 1 | 0 | 1 | ----- | ----- | ----- | ----- |
| 5421 | copper | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 5422 | aluminum | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 5429 | smelted prod. nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 5480 | fab. metal products | 0 | 0 | 0 | ----- | ----- | ----- | ----- |

SAN DIEGO HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | |
|---|----------------|-----------|----------|----------|----------|-----------|----------|
| | | Imports | Exports | Imports | Total | Coastwise | Internal |
| | | | | | Receipts | Receipts | Receipts |
| Total food and farm products | 25 | 20 | 5 | ----- | ----- | ----- | ----- |
| Subtotal oilseeds | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6521 peanuts | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal vegetable products | 12 | 12 | 0 | ----- | ----- | ----- | ----- |
| 6653 vegetable oils | 12 | 12 | ----- | ----- | ----- | ----- | ----- |
| 6654 vegetables & prod. | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal processed grain and animal feed | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6747 grain mill products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6782 animal feed, prep. | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal other agricultural products | 12 | 8 | 5 | ----- | ----- | ----- | ----- |
| 6811 meat, fresh, frozen | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| 6839 animals & prod. nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6857 fruit & nuts nec | 10 | 7 | 4 | ----- | ----- | ----- | ----- |
| 6858 fruit juices | 1 | 1 | 0 | ----- | ----- | ----- | ----- |
| 6889 food products nec | 1 | 0 | 1 | ----- | ----- | ----- | ----- |
| 6891 tobacco & products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6893 cotton | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6899 farm products nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 40 | 35 | 5 | ----- | ----- | ----- | ----- |
| 7110 machinery (not elec) | 1 | 0 | 1 | ----- | ----- | ----- | ----- |
| 7120 electrical machinery | 1 | 0 | 1 | ----- | ----- | ----- | ----- |
| 7210 vehicles & parts | 35 | 35 | 1 | ----- | ----- | ----- | ----- |
| 7220 aircraft & parts | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 7230 ships & boats | 1 | 0 | 1 | ----- | ----- | ----- | ----- |
| 7300 ordnance & access. | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 7500 textile products | 1 | 0 | 1 | ----- | ----- | ----- | ----- |
| 7600 rubber & plastic pr. | 1 | ----- | 1 | ----- | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 1 | 0 | 0 | ----- | ----- | ----- | ----- |
| Total unknown or not elsewhere classified | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 9900 unknown or nec | 0 | 0 | ----- | ----- | ----- | ----- | ----- |

LONG BEACH HARBOR, CA

Section Included: Entire harbor within the city limits of Long Beach. Controlling Depth: 62 feet in Long Beach Entrance Channel; 50 feet to 55 feet in turning basins; 35 feet in Cerritos Channel. Project Depth: 35 feet in Long Beach channel and other channels and basins.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|--------|------|--------|
| 1985 | 43,977 | 1990 | 52,425 |
| 1986 | 42,718 | 1991 | 52,891 |
| 1987 | 45,899 | 1992 | 52,049 |
| 1988 | 46,560 | 1993 | 54,321 |
| 1989 | 54,808 | 1994 | 56,522 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|---------------|---------------|---------------|------------|----------|
| | | Imports | Exports | Imports | Exports |
| Total, all commodities | 32,958 | 15,728 | 16,703 | 520 | 8 |
| Total coal | 1,225 | 1 | 1,223 | ----- | ----- |
| 1100 coal lignite | 1,225 | 1 | 1,223 | ----- | ----- |
| 1200 coal coke | 0 | ----- | 0 | ----- | ----- |
| Total petroleum and petroleum products | 12,091 | 4,923 | 7,149 | 18 | ----- |
| Subtotal crude petroleum | 3,638 | 3,638 | 0 | ----- | ----- |
| 2100 crude petroleum | 3,638 | 3,638 | 0 | ----- | ----- |
| Subtotal petroleum products | 8,453 | 1,286 | 7,149 | 18 | ----- |
| 2211 gasoline | 82 | 0 | 82 | ----- | ----- |
| 2221 kerosene | 109 | 109 | 1 | ----- | ----- |
| 2330 distillate fuel oil | 264 | 110 | 155 | ----- | ----- |
| 2340 residual fuel oil | 1,419 | 952 | 467 | ----- | ----- |
| 2350 lube oil & greases | 155 | 64 | 91 | ----- | ----- |
| 2410 petro. jelly & waxes | 5 | 0 | 5 | ----- | ----- |
| 2429 naphtha & solvents | 841 | ----- | 841 | ----- | ----- |
| 2430 asphalt, tar & pitch | 209 | 0 | 209 | ----- | ----- |
| 2540 petroleum coke | 5,315 | ----- | 5,297 | 18 | ----- |
| 2640 liquid natural gas | 53 | 51 | 2 | 0 | ----- |
| Total chemicals and related products | 2,223 | 480 | 1,633 | 110 | 0 |
| Subtotal fertilizers | 49 | 2 | 47 | ----- | ----- |
| 3110 nitrogenous fert. | 2 | 0 | 1 | ----- | ----- |
| 3120 phosphatic fert. | 0 | 0 | 0 | ----- | ----- |
| 3130 potassic fert. | 18 | 0 | 18 | ----- | ----- |
| 3190 fert. & mixes nec | 29 | 1 | 28 | ----- | ----- |
| Subtotal other chemicals and related products | 2,174 | 478 | 1,585 | 110 | 0 |
| 3211 acyclic hydrocarbons | 49 | 0 | 48 | ----- | ----- |
| 3212 benzene & toluene | 3 | 3 | 0 | ----- | ----- |
| 3219 other hydrocarbons | 20 | 3 | 16 | ----- | ----- |
| 3220 alcohols | 145 | 8 | 38 | 98 | 0 |
| 3230 carboxylic acids | 46 | 19 | 28 | ----- | ----- |

LONG BEACH HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|---|--------------|------------|--------------|-----------|----------|
| | | Imports | Exports | Imports | Exports |
| 3240 nitrogen func. comp. | 78 | 18 | 60 | 0 | ----- |
| 3250 organo- inorgan. comp | 48 | 12 | 36 | ----- | ----- |
| 3260 organic comp. nec | 117 | 67 | 40 | 11 | ----- |
| 3271 sulphur (liquid) | 110 | ----- | 110 | ----- | ----- |
| 3272 sulphuric acid | 7 | ----- | 7 | ----- | ----- |
| 3273 ammonia | 7 | ----- | 7 | ----- | ----- |
| 3274 sodium hydroxide | 28 | 25 | 3 | ----- | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 124 | 33 | 90 | 1 | ----- |
| 3276 metallic salts | 105 | 22 | 83 | 0 | ----- |
| 3279 inorganic chem. nec | 7 | 6 | 1 | ----- | ----- |
| 3281 radioactive material | 3 | 1 | 3 | ----- | ----- |
| 3282 pigments & paints | 84 | 16 | 68 | ----- | 0 |
| 3283 coloring mat. nec | 12 | 7 | 4 | ----- | ----- |
| 3284 medicines | 25 | 10 | 16 | ----- | ----- |
| 3285 perfumes & cleansers | 77 | 13 | 64 | ----- | ----- |
| 3286 plastics | 876 | 143 | 732 | 0 | 0 |
| 3291 pesticides | 14 | 2 | 12 | ----- | ----- |
| 3292 starches, gluten, glue | 31 | 11 | 20 | ----- | ----- |
| 3293 explosives | 35 | 34 | 1 | ----- | ----- |
| 3297 chemical additives | 48 | 2 | 46 | ----- | ----- |
| 3298 wood & resin chem. | 9 | 4 | 5 | ----- | ----- |
| 3299 chem. products nec | 66 | 19 | 47 | ----- | 0 |
| Total crude materials, inedible except fuels | 3,170 | 823 | 2,269 | 78 | 0 |
| Subtotal forest products, wood and chips | 195 | 117 | 68 | 10 | 0 |
| 4110 rubber & gums | 71 | 70 | 1 | 1 | ----- |
| 4150 fuel wood | 5 | 1 | 4 | ----- | 0 |
| 4161 wood chips | 0 | ----- | 0 | ----- | ----- |
| 4170 wood in the rough | 36 | 14 | 22 | 0 | ----- |
| 4189 lumber | 62 | 13 | 40 | 9 | 0 |
| 4190 forest products nec | 21 | 19 | 2 | ----- | ----- |
| Subtotal pulp and waste paper | 880 | 17 | 863 | ----- | ----- |
| 4225 pulp & waste paper | 880 | 17 | 863 | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 534 | 505 | 28 | 0 | ----- |
| 4310 building stone | 2 | 1 | 1 | 0 | ----- |
| 4322 limestone | 6 | 0 | 6 | ----- | ----- |
| 4323 gypsum | 509 | 503 | 6 | ----- | ----- |
| 4327 phosphate rock | 0 | 0 | 0 | ----- | ----- |
| 4331 sand & gravel | 16 | 1 | 14 | ----- | ----- |
| Subtotal iron ore and scrap | 840 | 3 | 770 | 68 | ----- |
| 4410 iron ore | 68 | ----- | ----- | 68 | ----- |
| 4420 iron & steel scrap | 772 | 3 | 770 | 0 | ----- |
| Subtotal marine shells | 4 | 1 | 3 | ----- | ----- |
| 4515 marine shells | 4 | 1 | 3 | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 174 | 41 | 134 | ----- | 0 |
| 4630 copper ore | 0 | 0 | 0 | ----- | ----- |
| 4650 aluminum ore | 36 | 34 | 3 | ----- | ----- |
| 4670 manganese ore | 0 | ----- | 0 | ----- | ----- |
| 4680 non-ferrous scrap | 124 | 5 | 119 | ----- | 0 |
| 4690 non-ferrous ores nec | 14 | 2 | 12 | ----- | ----- |

LONG BEACH HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|--------------|--------------|--------------|------------|----------|
| | | Imports | Exports | Imports | Exports |
| Subtotal sulphur, clay and salt | 341 | 7 | 334 | ----- | ----- |
| 4741 sulphur, (dry) | 277 | 1 | 276 | ----- | ----- |
| 4782 clay & refrac. mat. | 64 | 6 | 58 | ----- | ----- |
| Subtotal slag | 2 | 2 | 0 | ----- | ----- |
| 4860 slag | 2 | 2 | 0 | ----- | ----- |
| Subtotal other non-metal. min. | 200 | 131 | 69 | ----- | 0 |
| 4900 non-metal. min. nec | 200 | 131 | 69 | ----- | 0 |
| Total primary manufactured goods | 3,880 | 2,872 | 699 | 308 | 1 |
| Subtotal paper products | 725 | 115 | 303 | 307 | 0 |
| 5110 newsprint | 366 | 0 | 58 | 307 | 0 |
| 5120 paper & paperboard | 288 | 73 | 215 | ----- | 0 |
| 5190 paper products nec | 72 | 42 | 30 | 0 | ----- |
| Subtotal lime, cement and glass | 964 | 830 | 133 | 1 | 0 |
| 5210 lime | 0 | 0 | ----- | ----- | ----- |
| 5220 cement & concrete | 424 | 420 | 4 | ----- | 0 |
| 5240 glass & glass prod. | 124 | 80 | 44 | 0 | ----- |
| 5290 misc. mineral prod. | 416 | 330 | 85 | 1 | 0 |
| Subtotal primary iron and steel products | 1,304 | 1,263 | 41 | 0 | 0 |
| 5312 pig iron | 11 | 4 | 8 | ----- | ----- |
| 5315 ferro alloys | 9 | 7 | 2 | ----- | ----- |
| 5320 i&s primary forms | 390 | 387 | 3 | ----- | ----- |
| 5330 i&s plates & sheets | 562 | 554 | 7 | 0 | ----- |
| 5360 i&s bars & shapes | 130 | 124 | 6 | ----- | 0 |
| 5370 i&s pipe & tube | 157 | 143 | 13 | 0 | 0 |
| 5390 primary i&s nec | 45 | 43 | 2 | ----- | ----- |
| Subtotal primary non-ferrous metal products | 824 | 614 | 209 | 0 | 1 |
| 5421 copper | 94 | 16 | 78 | ----- | ----- |
| 5422 aluminum | 67 | 16 | 51 | ----- | ----- |
| 5429 smelted prod. nec | 37 | 16 | 20 | ----- | 0 |
| 5480 fab. metal products | 626 | 566 | 60 | 0 | 0 |
| Subtotal primary wood products | 64 | 51 | 13 | ----- | ----- |
| 5540 primary wood prod. | 64 | 51 | 13 | ----- | ----- |
| Total food and farm products | 3,930 | 1,170 | 2,752 | 5 | 3 |
| Subtotal fish | 185 | 167 | 19 | 0 | ----- |
| 6134 fish (not shellfish) | 61 | 49 | 12 | 0 | ----- |
| 6136 shellfish | 124 | 117 | 7 | ----- | ----- |
| Subtotal grain | 147 | 49 | 98 | 0 | 0 |
| 6241 wheat | 10 | ----- | 10 | ----- | ----- |
| 6344 corn | 85 | 0 | 85 | ----- | ----- |
| 6442 rice | 51 | 49 | 2 | 0 | 0 |
| 6443 barley & rye | 0 | 0 | 0 | ----- | ----- |
| 6445 oats | 1 | ----- | 1 | ----- | ----- |
| 6447 sorghum grains | 1 | ----- | 1 | ----- | ----- |
| Subtotal oilseeds | 54 | 2 | 51 | 0 | 1 |
| 6521 peanuts | 2 | ----- | 1 | ----- | 0 |
| 6522 soybeans | 46 | 0 | 46 | ----- | 0 |
| 6534 flaxseed | 0 | ----- | 0 | ----- | ----- |
| 6590 oilseeds nec | 6 | 2 | 4 | 0 | 0 |

LONG BEACH HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|---|--------------|--------------|--------------|----------|----------|
| | | Imports | Exports | Imports | Exports |
| Subtotal vegetable products | 367 | 182 | 182 | 2 | 0 |
| 6653 vegetable oils | 100 | 56 | 44 | 0 | 0 |
| 6654 vegetables & prod. | 267 | 126 | 138 | 2 | 0 |
| Subtotal processed grain and animal feed | 598 | 52 | 545 | 0 | 0 |
| 6746 wheat flour | 19 | 1 | 19 | 0 | 0 |
| 6747 grain mill products | 68 | 46 | 21 | 0 | 0 |
| 6781 hay & fodder | 395 | 0 | 394 | 0 | 0 |
| 6782 animal feed, prep. | 116 | 5 | 111 | 0 | 0 |
| Subtotal other agricultural products | 2,579 | 718 | 1,857 | 3 | 2 |
| 6811 meat, fresh, frozen | 194 | 12 | 181 | 0 | 0 |
| 6817 meat, prepared | 19 | 9 | 10 | 0 | 0 |
| 6822 dairy products | 19 | 4 | 15 | 0 | 0 |
| 6835 fish, prepared | 76 | 59 | 17 | 0 | 0 |
| 6838 tallow, animal oils | 47 | 0 | 47 | 0 | 0 |
| 6839 animals & prod. nec | 121 | 11 | 110 | 0 | 0 |
| 6856 bananas & plantains | 154 | 154 | 0 | 0 | 0 |
| 6857 fruit & nuts nec | 468 | 57 | 411 | 0 | 0 |
| 6858 fruit juices | 120 | 69 | 51 | 0 | 0 |
| 6861 sugar | 1 | 0 | 0 | 0 | 0 |
| 6865 molasses | 35 | 35 | 0 | 0 | 0 |
| 6871 coffee | 59 | 49 | 9 | 0 | 1 |
| 6872 cocoa beans | 5 | 4 | 1 | 0 | 0 |
| 6885 alcoholic beverages | 224 | 102 | 119 | 2 | 1 |
| 6888 water & ice | 73 | 57 | 15 | 0 | 0 |
| 6889 food products nec | 247 | 81 | 166 | 0 | 0 |
| 6891 tobacco & products | 48 | 4 | 43 | 0 | 0 |
| 6893 cotton | 653 | 0 | 652 | 0 | 0 |
| 6894 natural fibers nec | 3 | 3 | 0 | 0 | 0 |
| 6899 farm products nec | 13 | 5 | 8 | 0 | 0 |
| Total all manufactured equipment, machinery and products | 6,367 | 5,423 | 942 | 1 | 1 |
| 7110 machinery (not elec) | 708 | 506 | 201 | 0 | 0 |
| 7120 electrical machinery | 1,358 | 1,185 | 172 | 0 | 0 |
| 7210 vehicles & parts | 642 | 535 | 107 | 0 | 0 |
| 7220 aircraft & parts | 7 | 1 | 5 | 0 | 0 |
| 7230 ships & boats | 9 | 6 | 2 | 0 | 0 |
| 7300 ordnance & access. | 13 | 9 | 4 | 0 | 0 |
| 7400 manufac. wood prod. | 70 | 57 | 13 | 0 | 0 |
| 7500 textile products | 935 | 786 | 149 | 0 | 0 |
| 7600 rubber & plastic pr. | 630 | 514 | 116 | 0 | 0 |
| 7900 manufac. prod. nec | 1,995 | 1,823 | 172 | 0 | 0 |
| Total unknown or not elsewhere classified | 71 | 34 | 35 | 0 | 2 |
| 9900 unknown or nec | 71 | 34 | 35 | 0 | 2 |

LONG BEACH HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | |
|--|---------------|---------------|--------------|--------------|--------------|------------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total, all commodities | 23,564 | 19,648 | 1,375 | 1,077 | 1,016 | 448 |
| Total coal | 0 | ----- | 0 | ----- | ----- | ----- |
| 1200 coal coke | 0 | ----- | 0 | ----- | ----- | ----- |
| Total petroleum and petroleum products | 22,672 | 19,155 | 988 | 1,068 | 1,016 | 445 |
| Subtotal crude petroleum | 19,682 | 18,398 | 373 | 7 | 710 | 194 |
| 2100 crude petroleum | 19,682 | 18,398 | 373 | 7 | 710 | 194 |
| Subtotal petroleum products | 2,991 | 757 | 615 | 1,062 | 306 | 252 |
| 2211 gasoline | 748 | 377 | 371 | ----- | ----- | ----- |
| 2330 distillate fuel oil | 559 | 269 | 187 | 41 | 62 | ----- |
| 2340 residual fuel oil | 1,654 | 91 | 55 | 1,013 | 243 | 251 |
| 2350 lube oil & greases | 20 | 13 | 1 | 7 | ----- | 0 |
| 2410 petro. jelly & waxes | 0 | ----- | 0 | ----- | ----- | ----- |
| 2429 naphtha & solvents | 10 | 8 | ----- | 2 | ----- | ----- |
| 2540 petroleum coke | 0 | ----- | 0 | ----- | ----- | ----- |
| Total chemicals and related products | 335 | 309 | 20 | 4 | ----- | 3 |
| Subtotal fertilizers | 2 | ----- | 2 | ----- | ----- | ----- |
| 3190 fert. & mixes nec | 2 | ----- | 2 | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 333 | 309 | 18 | 4 | ----- | 3 |
| 3211 acyclic hydrocarbons | 0 | ----- | 0 | ----- | ----- | ----- |
| 3219 other hydrocarbons | 1 | ----- | 1 | ----- | ----- | ----- |
| 3220 alcohols | 2 | 2 | 0 | ----- | ----- | ----- |
| 3230 carboxylic acids | 0 | ----- | 0 | ----- | ----- | ----- |
| 3240 nitrogen func. comp. | 0 | ----- | 0 | ----- | ----- | ----- |
| 3250 organo- inorgan. comp | 0 | ----- | 0 | ----- | ----- | ----- |
| 3274 sodium hydroxide | 34 | 27 | 0 | 4 | ----- | 3 |
| 3275 inorg. elem., oxides, & halogen salts | 1 | 0 | 1 | ----- | ----- | ----- |
| 3276 metallic salts | 0 | ----- | 0 | ----- | ----- | ----- |
| 3279 inorganic chem. nec | 0 | ----- | 0 | ----- | ----- | ----- |
| 3282 pigments & paints | 2 | ----- | 2 | 0 | ----- | ----- |
| 3284 medicines | 0 | ----- | 0 | ----- | ----- | ----- |
| 3285 perfumes & cleansers | 2 | ----- | 2 | ----- | ----- | ----- |
| 3286 plastics | 2 | ----- | 2 | ----- | ----- | ----- |
| 3291 pesticides | 0 | ----- | 0 | ----- | ----- | ----- |
| 3292 starches, gluten, glue | 0 | ----- | 0 | ----- | ----- | ----- |
| 3293 explosives | 0 | ----- | 0 | 0 | ----- | ----- |
| 3297 chemical additives | 266 | 261 | 5 | ----- | ----- | ----- |
| 3298 wood & resin chem. | 17 | 17 | 0 | ----- | ----- | ----- |
| 3299 chem. products nec | 5 | 2 | 3 | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 175 | 165 | 10 | ----- | ----- | ----- |
| Subtotal forest products, wood and chips | 166 | 165 | 0 | ----- | ----- | ----- |
| 4150 fuel wood | 0 | ----- | 0 | ----- | ----- | ----- |
| 4161 wood chips | 0 | ----- | 0 | ----- | ----- | ----- |
| 4170 wood in the rough | 0 | ----- | 0 | ----- | ----- | ----- |
| 4189 lumber | 165 | 165 | 0 | ----- | ----- | ----- |

LONG BEACH HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | |
|--|------------|-----------|-----------|------------|-----------|-----------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Subtotal pulp and waste paper | 5 | ----- | | 5 | ----- | ----- |
| 4225 pulp & waste paper | 5 | ----- | | 5 | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 1 | ----- | | 1 | ----- | ----- |
| 4310 building stone | 0 | ----- | | 0 | ----- | ----- |
| 4323 gypsum | 1 | ----- | | 1 | ----- | ----- |
| 4331 sand & gravel | 0 | ----- | | 0 | ----- | ----- |
| Subtotal iron ore and scrap | 0 | ----- | | 0 | ----- | ----- |
| 4410 iron ore | 0 | ----- | | 0 | ----- | ----- |
| 4420 iron & steel scrap | 0 | ----- | | 0 | ----- | ----- |
| Subtotal marine shells | 0 | ----- | | 0 | ----- | ----- |
| 4515 marine shells | 0 | ----- | | 0 | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 0 | 0 | | 0 | ----- | ----- |
| 4680 non-ferrous scrap | 0 | 0 | | 0 | ----- | ----- |
| Subtotal sulphur, clay and salt | 3 | ----- | | 3 | ----- | ----- |
| 4782 clay & refrac. mat. | 3 | ----- | | 3 | ----- | ----- |
| Subtotal other non-metal. min. | 0 | ----- | | 0 | ----- | ----- |
| 4900 non-metal. min. nec | 0 | ----- | | 0 | ----- | ----- |
| Total primary manufactured goods | 32 | 0 | | 31 | 0 | ----- |
| Subtotal paper products | 7 | ----- | | 7 | ----- | ----- |
| 5110 newsprint | 0 | ----- | | 0 | ----- | ----- |
| 5120 paper & paperboard | 2 | ----- | | 2 | ----- | ----- |
| 5190 paper products nec | 4 | ----- | | 4 | ----- | ----- |
| Subtotal lime, cement and glass | 10 | 0 | | 10 | ----- | ----- |
| 5220 cement & concrete | 0 | ----- | | 0 | ----- | ----- |
| 5240 glass & glass prod. | 1 | ----- | | 1 | ----- | ----- |
| 5290 misc. mineral prod. | 9 | 0 | | 9 | ----- | ----- |
| Subtotal primary iron and steel products | 9 | ----- | | 9 | 0 | ----- |
| 5320 i&s primary forms | 0 | ----- | | 0 | ----- | ----- |
| 5330 i&s plates & sheets | 1 | ----- | | 1 | ----- | ----- |
| 5360 i&s bars & shapes | 7 | ----- | | 7 | ----- | ----- |
| 5370 i&s pipe & tube | 0 | ----- | | 0 | 0 | ----- |
| 5390 primary i&s nec | 0 | ----- | | 0 | ----- | ----- |
| Subtotal primary non-ferrous metal products | 6 | 0 | | 6 | 0 | ----- |
| 5421 copper | 2 | ----- | | 2 | ----- | ----- |
| 5422 aluminum | 1 | 0 | | 1 | ----- | ----- |
| 5429 smelted prod. nec | 0 | ----- | | 0 | ----- | ----- |
| 5480 fab. metal products | 3 | 0 | | 3 | 0 | ----- |
| Subtotal primary wood products | 0 | ----- | | 0 | ----- | ----- |
| 5540 primary wood prod. | 0 | ----- | | 0 | ----- | ----- |
| Total food and farm products | 126 | 2 | | 119 | 5 | ----- |
| Subtotal fish | 0 | 0 | | 0 | ----- | ----- |
| 6134 fish (not shellfish) | 0 | ----- | | 0 | ----- | ----- |
| 6136 shellfish | 0 | 0 | ----- | ----- | ----- | ----- |

LONG BEACH HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | |
|---|------------|-----------|------------|----------|-----------|-----------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Subtotal grain | 0 | ----- | 0 | ----- | ----- | ----- |
| 6344 corn | 0 | ----- | 0 | ----- | ----- | ----- |
| 6442 rice | 0 | ----- | 0 | ----- | ----- | ----- |
| Subtotal oilseeds | 1 | ----- | 1 | ----- | ----- | ----- |
| 6521 peanuts | 0 | ----- | 0 | ----- | ----- | ----- |
| 6522 soybeans | 0 | ----- | 0 | ----- | ----- | ----- |
| Subtotal vegetable products | 17 | ----- | 17 | ----- | ----- | ----- |
| 6653 vegetable oils | 1 | ----- | 1 | ----- | ----- | ----- |
| 6654 vegetables & prod. | 16 | ----- | 16 | ----- | ----- | ----- |
| Subtotal processed grain and animal feed | 23 | ----- | 23 | ----- | ----- | ----- |
| 6746 wheat flour | 8 | ----- | 8 | ----- | ----- | ----- |
| 6747 grain mill products | 1 | ----- | 1 | ----- | ----- | ----- |
| 6781 hay & fodder | 12 | ----- | 12 | ----- | ----- | ----- |
| 6782 animal feed, prep. | 3 | ----- | 3 | ----- | ----- | ----- |
| Subtotal other agricultural products | 85 | 2 | 77 | 5 | ----- | ----- |
| 6811 meat, fresh, frozen | 17 | 1 | 16 | ----- | ----- | ----- |
| 6817 meat, prepared | 0 | ----- | 0 | ----- | ----- | ----- |
| 6822 dairy products | 1 | ----- | 1 | ----- | ----- | ----- |
| 6835 fish, prepared | 0 | 0 | 0 | ----- | ----- | ----- |
| 6839 animals & prod. nec | 1 | ----- | 1 | ----- | ----- | ----- |
| 6856 bananas & plantains | 0 | 0 | 0 | ----- | ----- | ----- |
| 6857 fruit & nuts nec | 9 | 1 | 8 | ----- | ----- | ----- |
| 6858 fruit juices | 0 | ----- | 0 | ----- | ----- | ----- |
| 6861 sugar | 0 | ----- | 0 | ----- | ----- | ----- |
| 6871 coffee | 1 | ----- | 1 | ----- | ----- | ----- |
| 6872 cocoa beans | 0 | ----- | 0 | ----- | ----- | ----- |
| 6885 alcoholic beverages | 29 | 0 | 29 | ----- | ----- | ----- |
| 6887 groceries | 0 | ----- | 0 | 0 | ----- | ----- |
| 6888 water & ice | 5 | 0 | 5 | ----- | ----- | ----- |
| 6889 food products nec | 20 | 0 | 20 | 0 | ----- | ----- |
| 6891 tobacco & products | 0 | ----- | 0 | ----- | ----- | ----- |
| 6893 cotton | 1 | ----- | 1 | ----- | ----- | ----- |
| 6899 farm products nec | 0 | ----- | 0 | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 225 | 17 | 207 | 0 | 1 | ----- |
| 7110 machinery (not elec) | 3 | 0 | 2 | 0 | 0 | ----- |
| 7120 electrical machinery | 4 | ----- | 4 | 0 | ----- | ----- |
| 7210 vehicles & parts | 9 | 0 | 8 | 0 | ----- | ----- |
| 7220 aircraft & parts | 0 | ----- | 0 | ----- | ----- | ----- |
| 7230 ships & boats | 0 | ----- | 0 | ----- | ----- | ----- |
| 7300 ordnance & access. | 1 | 0 | 0 | ----- | ----- | ----- |
| 7400 manufac. wood prod. | 3 | ----- | 3 | ----- | ----- | ----- |
| 7500 textile products | 3 | 0 | 3 | ----- | ----- | ----- |
| 7600 rubber & plastic pr. | 5 | 0 | 5 | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 198 | 16 | 181 | 0 | 1 | ----- |
| Total waste and scrap nec | 0 | ----- | ----- | ----- | 0 | ----- |
| 8900 waste and scrap nec | 0 | ----- | ----- | ----- | 0 | ----- |

LONG BEACH HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | |
|--|----------|-----------|-----------|----------|-----------|-----------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total unknown or not elsewhere classified | 0 | ----- | 0 | ----- | ----- | ----- |
| 9900 unknown or nec | 0 | ----- | 0 | ----- | ----- | ----- |

LOS ANGELES HARBOR, CA

Section Included: Entire harbor within the city limits of Los Angeles. Controlling Depth: 45 to 51 feet in entrance and outer harbor channels and basins; 45 feet in Los Angeles channel and inner harbor basins and channels; 35 feet in Cerritos Channel. Project Depth: 45 to 51 feet in entrance and outer harbor channels and basins; 45 feet in Los Angeles channel and inner harbor basins and channels; 35 feet in Cerritos Channel.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|--------|-------------|---------------|
| 1985 | 36,374 | 1990 | 46,352 |
| 1986 | 39,859 | 1991 | 47,008 |
| 1987 | 40,461 | 1992 | 40,104 |
| 1988 | 45,214 | 1993 | 43,623 |
| 1989 | 47,272 | 1994 | 43,140 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|---|---------------|---------------|---------------|------------|-----------|
| | | Imports | Exports | Imports | Exports |
| Total, all commodities | 25,578 | 13,655 | 11,596 | 242 | 84 |
| Total coal | 1,803 | 45 | 1,757 | 0 | 0 |
| 1100 coal lignite | 1,758 | 1 | 1,757 | 0 | 0 |
| 1200 coal coke | 44 | 44 | ----- | ----- | ----- |
| Total petroleum and petroleum products | 4,024 | 1,758 | 2,259 | 5 | 3 |
| Subtotal crude petroleum | 787 | 787 | 0 | ----- | ----- |
| 2100 crude petroleum | 787 | 787 | 0 | ----- | ----- |
| Subtotal petroleum products | 3,237 | 971 | 2,259 | 5 | 3 |
| 2211 gasoline | 162 | 9 | 151 | ----- | 2 |
| 2221 kerosene | 466 | 464 | 2 | ----- | ----- |
| 2330 distillate fuel oil | 237 | 32 | 200 | 5 | ----- |
| 2340 residual fuel oil | 590 | 398 | 190 | ----- | 1 |
| 2350 lube oil & greases | 68 | 10 | 58 | ----- | 0 |
| 2410 petro. jelly & waxes | 4 | 0 | 4 | ----- | ----- |
| 2429 naphtha & solvents | 481 | 23 | 458 | ----- | ----- |
| 2430 asphalt, tar & pitch | 57 | 0 | 57 | ----- | ----- |
| 2540 petroleum coke | 1,122 | 0 | 1,122 | ----- | ----- |
| 2640 liquid natural gas | 50 | 33 | 17 | 0 | ----- |

LOS ANGELES HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|--------------|------------|--------------|------------|-----------|
| | | Imports | Exports | Imports | Exports |
| Total chemicals and related products | 2,587 | 550 | 1,883 | 151 | 2 |
| Subtotal fertilizers | 50 | 7 | 43 | | 0 |
| 3110 nitrogenous fert. | 7 | 7 | 1 | | 0 |
| 3120 phosphatic fert. | 0 | 0 | 0 | | |
| 3130 potassic fert. | 5 | | 5 | | |
| 3190 fert. & mixes nec | 37 | 1 | 37 | | |
| Subtotal other chemicals and related products | 2,536 | 542 | 1,840 | 151 | 2 |
| 3211 acyclic hydrocarbons | 9 | 0 | 8 | | |
| 3212 benzene & toluene | 0 | 0 | 0 | | |
| 3219 other hydrocarbons | 26 | 4 | 22 | | |
| 3220 alcohols | 138 | 15 | 48 | 74 | 1 |
| 3230 carboxylic acids | 82 | 14 | 68 | 0 | 0 |
| 3240 nitrogen func. comp. | 97 | 13 | 84 | 0 | |
| 3250 organo- inorgan. comp | 56 | 14 | 41 | 0 | |
| 3260 organic comp. nec | 267 | 140 | 54 | 73 | 0 |
| 3271 sulphur (liquid) | 2 | 0 | 2 | | |
| 3272 sulphuric acid | 24 | 23 | 1 | | |
| 3273 ammonia | 13 | 9 | 4 | | |
| 3274 sodium hydroxide | 17 | 11 | 2 | 5 | |
| 3275 inorg. elem., oxides, & halogen salts | 125 | 21 | 104 | 0 | |
| 3276 metallic salts | 521 | 14 | 507 | | 0 |
| 3279 inorganic chem. nec | 7 | 3 | 4 | | |
| 3281 radioactive material | 4 | 1 | 3 | 0 | |
| 3282 pigments & paints | 82 | 16 | 66 | 0 | |
| 3283 coloring mat. nec | 10 | 5 | 5 | | 0 |
| 3284 medicines | 27 | 7 | 20 | | |
| 3285 perfumes & cleansers | 70 | 10 | 60 | | 0 |
| 3286 plastics | 750 | 180 | 569 | 0 | 1 |
| 3291 pesticides | 17 | 3 | 14 | | |
| 3292 starches, gluten, glue | 39 | 13 | 25 | 0 | 0 |
| 3293 explosives | 16 | 15 | 1 | | |
| 3297 chemical additives | 59 | 1 | 58 | | |
| 3298 wood & resin chem. | 4 | 0 | 4 | | 0 |
| 3299 chem. products nec | 77 | 10 | 67 | 0 | 0 |
| Total crude materials, inedible except fuels | 2,430 | 170 | 2,161 | 73 | 27 |
| Subtotal forest products, wood and chips | 203 | 90 | 41 | 72 | 0 |
| 4110 rubber & gums | 36 | 36 | 0 | | |
| 4150 fuel wood | 6 | 5 | 0 | 0 | |
| 4161 wood chips | 0 | 0 | 0 | | |
| 4170 wood in the rough | 9 | 2 | 7 | 0 | |
| 4189 lumber | 135 | 32 | 31 | 72 | 0 |
| 4190 forest products nec | 17 | 15 | 2 | 0 | |
| Subtotal pulp and waste paper | 835 | 25 | 810 | 0 | 0 |
| 4225 pulp & waste paper | 835 | 25 | 810 | 0 | 0 |
| Subtotal soil, sand, gravel, rock and stone | 58 | 36 | 22 | | 0 |
| 4310 building stone | 1 | 1 | 1 | | 0 |
| 4322 limestone | 0 | 0 | 0 | | |
| 4323 gypsum | 40 | 34 | 6 | | |
| 4327 phosphate rock | 0 | 0 | 0 | | |

LOS ANGELES HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|--------------|--------------|--------------|----------|-----------|
| | | Imports | Exports | Imports | Exports |
| 4331 sand & gravel | 16 | 1 | 15 | ----- | ----- |
| Subtotal iron ore and scrap | 774 | 0 | 747 | ----- | 27 |
| 4410 iron ore | 27 | 0 | ----- | ----- | 27 |
| 4420 iron & steel scrap | 747 | 0 | 747 | ----- | ----- |
| Subtotal marine shells | 2 | 0 | 1 | ----- | ----- |
| 4515 marine shells | 2 | 0 | 1 | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 165 | 12 | 152 | 1 | 0 |
| 4630 copper ore | 67 | 0 | 67 | ----- | ----- |
| 4650 aluminum ore | 11 | 2 | 8 | ----- | ----- |
| 4670 manganese ore | 0 | ----- | 0 | ----- | ----- |
| 4680 non-ferrous scrap | 62 | 5 | 57 | 0 | 0 |
| 4690 non-ferrous ores nec | 25 | 4 | 20 | 1 | 0 |
| Subtotal sulphur, clay and salt | 235 | 2 | 233 | ----- | ----- |
| 4741 sulphur, (dry) | 201 | ----- | 201 | ----- | ----- |
| 4782 clay & refrac. mat. | 34 | 2 | 32 | ----- | ----- |
| Subtotal slag | 0 | 0 | 0 | ----- | ----- |
| 4860 slag | 0 | 0 | 0 | ----- | ----- |
| Subtotal other non-metal. min. | 159 | 3 | 155 | ----- | 0 |
| 4900 non-metal. min. nec | 159 | 3 | 155 | ----- | 0 |
| Total primary manufactured goods | 3,835 | 3,201 | 624 | 5 | 4 |
| Subtotal paper products | 331 | 92 | 234 | 5 | 1 |
| 5110 newsprint | 29 | 1 | 24 | 5 | 0 |
| 5120 paper & paperboard | 233 | 58 | 174 | 0 | 0 |
| 5190 paper products nec | 69 | 33 | 36 | 0 | 0 |
| Subtotal lime, cement and glass | 622 | 506 | 114 | 0 | 3 |
| 5210 lime | 0 | 0 | ----- | ----- | ----- |
| 5220 cement & concrete | 41 | 37 | 4 | ----- | 0 |
| 5240 glass & glass prod. | 111 | 81 | 29 | 0 | 1 |
| 5290 misc. mineral prod. | 470 | 388 | 81 | 0 | 2 |
| Subtotal primary iron and steel products | 1,838 | 1,801 | 37 | 0 | 0 |
| 5312 pig iron | 2 | 1 | 2 | ----- | ----- |
| 5315 ferro alloys | 10 | 9 | 1 | ----- | ----- |
| 5320 i&s primary forms | 1,184 | 1,182 | 2 | ----- | ----- |
| 5330 i&s plates & sheets | 339 | 333 | 6 | 0 | ----- |
| 5360 i&s bars & shapes | 78 | 64 | 13 | ----- | 0 |
| 5370 i&s pipe & tube | 184 | 174 | 10 | ----- | 0 |
| 5390 primary i&s nec | 39 | 38 | 2 | 0 | 0 |
| Subtotal primary non-ferrous metal products | 942 | 717 | 224 | 0 | 1 |
| 5421 copper | 84 | 20 | 64 | ----- | 0 |
| 5422 aluminum | 108 | 11 | 97 | ----- | 0 |
| 5429 smelted prod. nec | 17 | 9 | 8 | ----- | 0 |
| 5480 fab. metal products | 733 | 676 | 55 | 0 | 1 |
| Subtotal primary wood products | 103 | 86 | 16 | 0 | ----- |
| 5540 primary wood prod. | 103 | 86 | 16 | 0 | ----- |
| Total food and farm products | 3,702 | 1,805 | 1,874 | 6 | 17 |
| Subtotal fish | 177 | 159 | 18 | 1 | 0 |
| 6134 fish (not shellfish) | 41 | 36 | 5 | 1 | 0 |

LOS ANGELES HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|---|--------------|--------------|--------------|----------|-----------|
| | | Imports | Exports | Imports | Exports |
| 6136 shellfish | 136 | 123 | 13 | ----- | 0 |
| Subtotal grain | 65 | 53 | 12 | 0 | 0 |
| 6241 wheat | 0 | 0 | ----- | ----- | ----- |
| 6344 corn | 6 | 0 | 6 | ----- | ----- |
| 6442 rice | 56 | 53 | 3 | 0 | 0 |
| 6443 barley & rye | 3 | 0 | 3 | ----- | ----- |
| 6445 oats | 0 | ----- | 0 | ----- | ----- |
| 6447 sorghum grains | 0 | ----- | 0 | ----- | ----- |
| Subtotal oilseeds | 29 | 4 | 24 | 0 | 0 |
| 6521 peanuts | 2 | ----- | 2 | ----- | ----- |
| 6522 soybeans | 11 | 0 | 11 | ----- | ----- |
| 6534 flaxseed | 0 | ----- | ----- | 0 | ----- |
| 6590 oilseeds nec | 15 | 4 | 11 | 0 | 0 |
| Subtotal vegetable products | 258 | 149 | 106 | 3 | 0 |
| 6653 vegetable oils | 20 | 16 | 4 | ----- | ----- |
| 6654 vegetables & prod. | 237 | 133 | 101 | 3 | 0 |
| Subtotal processed grain and animal feed | 529 | 33 | 494 | 0 | 1 |
| 6746 wheat flour | 2 | 1 | 2 | ----- | ----- |
| 6747 grain mill products | 53 | 26 | 26 | 0 | 1 |
| 6781 hay & fodder | 382 | 0 | 382 | ----- | ----- |
| 6782 animal feed, prep. | 91 | 6 | 84 | 0 | ----- |
| Subtotal other agricultural products | 2,645 | 1,407 | 1,220 | 2 | 15 |
| 6811 meat, fresh, frozen | 244 | 127 | 117 | 0 | ----- |
| 6817 meat, prepared | 10 | 6 | 4 | 0 | ----- |
| 6822 dairy products | 14 | 3 | 11 | ----- | 0 |
| 6835 fish, prepared | 81 | 74 | 6 | 0 | ----- |
| 6838 tallow, animal oils | 5 | 1 | 4 | ----- | ----- |
| 6839 animals & prod. nec | 58 | 16 | 41 | 0 | ----- |
| 6856 bananas & plantains | 603 | 603 | 1 | ----- | ----- |
| 6857 fruit & nuts nec | 325 | 165 | 160 | 0 | 0 |
| 6858 fruit juices | 141 | 109 | 31 | 0 | 0 |
| 6861 sugar | 7 | 7 | 0 | ----- | ----- |
| 6865 molasses | 26 | 26 | 1 | ----- | ----- |
| 6871 coffee | 133 | 42 | 89 | ----- | 2 |
| 6872 cocoa beans | 10 | 9 | 1 | ----- | ----- |
| 6885 alcoholic beverages | 282 | 120 | 154 | 0 | 8 |
| 6888 water & ice | 41 | 30 | 9 | ----- | 2 |
| 6889 food products nec | 159 | 58 | 98 | 0 | 3 |
| 6891 tobacco & products | 61 | 7 | 54 | ----- | ----- |
| 6893 cotton | 432 | 0 | 432 | ----- | ----- |
| 6894 natural fibers nec | 1 | 0 | 0 | ----- | ----- |
| 6899 farm products nec | 12 | 4 | 7 | 1 | 0 |
| Total all manufactured equipment, machinery and products | 7,010 | 6,047 | 958 | 2 | 3 |
| 7110 machinery (not elec) | 875 | 685 | 189 | 0 | 0 |
| 7120 electrical machinery | 1,325 | 1,172 | 153 | 0 | 1 |
| 7210 vehicles & parts | 951 | 811 | 139 | 0 | 0 |
| 7220 aircraft & parts | 5 | 1 | 4 | ----- | ----- |
| 7230 ships & boats | 9 | 6 | 2 | 0 | 0 |
| 7300 ordnance & access. | 8 | 3 | 5 | ----- | ----- |

LOS ANGELES HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | | Total | Foreign | | Canadian | |
|--|----------------------|------------|-----------|-----------|----------|-----------|
| | | | Imports | Exports | Imports | Exports |
| 7400 | manufac. wood prod. | 81 | 72 | 8 | 0 | 0 |
| 7500 | textile products | 900 | 751 | 148 | 0 | 0 |
| 7600 | rubber & plastic pr. | 759 | 621 | 137 | 0 | 1 |
| 7900 | manufac. prod. nec | 2,097 | 1,925 | 171 | 1 | 1 |
| Total unknown or not elsewhere classified | | 187 | 80 | 79 | 0 | 27 |
| 9900 | unknown or nec | 187 | 80 | 79 | 0 | 27 |

| Commodity | | Total | Domestic | | | | |
|--|---------------------------------------|---------------|---------------|--------------|--------------|--------------|------------|
| | | | Coastwise | | Internal | | |
| | | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total, all commodities | | 17,562 | 12,101 | 2,722 | 1,016 | 1,077 | 645 |
| Total petroleum and petroleum products | | 13,804 | 9,769 | 1,348 | 1,016 | 1,068 | 603 |
| Subtotal crude petroleum | | 4,985 | 4,201 | 50 | 710 | 7 | 18 |
| 2100 | crude petroleum | 4,985 | 4,201 | 50 | 710 | 7 | 18 |
| Subtotal petroleum products | | 8,819 | 5,568 | 1,298 | 306 | 1,062 | 585 |
| 2211 | gasoline | 3,554 | 3,226 | 318 | | | 10 |
| 2330 | distillate fuel oil | 2,371 | 1,583 | 597 | 62 | 41 | 88 |
| 2340 | residual fuel oil | 2,475 | 393 | 340 | 243 | 1,013 | 486 |
| 2350 | lube oil & greases | 349 | 321 | 20 | | 7 | 1 |
| 2429 | naphtha & solvents | 58 | 45 | 11 | | 2 | |
| 2430 | asphalt, tar & pitch | 2 | | 2 | | | |
| 2640 | liquid natural gas | 1 | | 1 | | | |
| 2990 | petro. products nec | 11 | 1 | 10 | | | |
| Total chemicals and related products | | 446 | 350 | 93 | | 4 | |
| Subtotal fertilizers | | 3 | | 3 | | | |
| 3190 | fert. & mixes nec | 3 | | 3 | | | |
| Subtotal other chemicals and related products | | 443 | 350 | 89 | | 4 | |
| 3212 | benzene & toluene | 6 | 6 | | | | |
| 3219 | other hydrocarbons | 5 | 5 | | | | |
| 3220 | alcohols | 17 | 17 | | | | |
| 3240 | nitrogen func. comp. | 1 | 1 | | | | |
| 3260 | organic comp. nec | 0 | 0 | | | | |
| 3274 | sodium hydroxide | 136 | 132 | | | 4 | |
| 3275 | inorg. elem., oxides, & halogen salts | 4 | | 4 | | | |
| 3281 | radioactive material | 0 | 0 | | | | |
| 3282 | pigments & paints | 14 | 0 | 14 | | 0 | |
| 3284 | medicines | 7 | 0 | 7 | | | |
| 3285 | perfumes & cleansers | 29 | 0 | 28 | | | |
| 3286 | plastics | 3 | 2 | 1 | | | |
| 3291 | pesticides | 2 | 0 | 2 | | | |
| 3293 | explosives | 1 | | 1 | | 0 | |
| 3297 | chemical additives | 199 | 174 | 26 | | | |

LOS ANGELES HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | |
|---|--------------|--------------|------------|----------|-----------|-----------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| 3298 wood & resin chem. | 9 | 9 | ----- | ----- | ----- | ----- |
| 3299 chem. products nec | 9 | 3 | 7 | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 1,844 | 1,669 | 175 | ----- | ----- | ----- |
| Subtotal forest products, wood and chips | 128 | 119 | 9 | ----- | ----- | ----- |
| 4150 fuel wood | 0 | ----- | 0 | ----- | ----- | ----- |
| 4189 lumber | 127 | 119 | 8 | ----- | ----- | ----- |
| 4190 forest products nec | 1 | ----- | 1 | ----- | ----- | ----- |
| Subtotal pulp and waste paper | 1 | 0 | 1 | ----- | ----- | ----- |
| 4225 pulp & waste paper | 1 | 0 | 1 | ----- | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 1,686 | 1,526 | 160 | ----- | ----- | ----- |
| 4331 sand & gravel | 1,684 | 1,526 | 158 | ----- | ----- | ----- |
| 4338 soil & fill dirt | 2 | ----- | 2 | ----- | ----- | ----- |
| Subtotal iron ore and scrap | 24 | 24 | 0 | ----- | ----- | ----- |
| 4420 iron & steel scrap | 24 | 24 | 0 | ----- | ----- | ----- |
| Subtotal other non-metal. min. | 5 | 0 | 5 | ----- | ----- | ----- |
| 4900 non-metal. min. nec | 5 | 0 | 5 | ----- | ----- | ----- |
| Total primary manufactured goods | 208 | 13 | 195 | ----- | 0 | 0 |
| Subtotal paper products | 44 | 0 | 44 | ----- | ----- | ----- |
| 5120 paper & paperboard | 9 | 0 | 9 | ----- | ----- | ----- |
| 5190 paper products nec | 35 | 0 | 35 | ----- | ----- | ----- |
| Subtotal lime, cement and glass | 101 | 0 | 100 | ----- | ----- | ----- |
| 5220 cement & concrete | 19 | ----- | 19 | ----- | ----- | ----- |
| 5240 glass & glass prod. | 0 | ----- | 0 | ----- | ----- | ----- |
| 5290 misc. mineral prod. | 82 | 0 | 82 | ----- | ----- | ----- |
| Subtotal primary iron and steel products | 0 | ----- | 0 | ----- | 0 | ----- |
| 5370 i&s pipe & tube | 0 | ----- | 0 | ----- | 0 | ----- |
| Subtotal primary non-ferrous metal products | 62 | 12 | 50 | ----- | 0 | 0 |
| 5480 fab. metal products | 62 | 12 | 50 | ----- | 0 | 0 |
| Subtotal primary wood products | 1 | ----- | 1 | ----- | ----- | ----- |
| 5540 primary wood prod. | 1 | ----- | 1 | ----- | ----- | ----- |
| Total food and farm products | 711 | 161 | 503 | ----- | 5 | 42 |
| Subtotal fish | 2 | 0 | 1 | ----- | ----- | ----- |
| 6134 fish (not shellfish) | 2 | 0 | 1 | ----- | ----- | ----- |
| Subtotal grain | 0 | 0 | 0 | ----- | ----- | ----- |
| 6344 corn | 0 | 0 | ----- | ----- | ----- | ----- |
| 6442 rice | 0 | ----- | 0 | ----- | ----- | ----- |
| Subtotal vegetable products | 55 | 3 | 52 | ----- | ----- | ----- |
| 6653 vegetable oils | 0 | ----- | 0 | ----- | ----- | ----- |
| 6654 vegetables & prod. | 55 | 3 | 52 | ----- | ----- | ----- |
| Subtotal processed grain and animal feed | 36 | 6 | 30 | ----- | ----- | ----- |
| 6746 wheat flour | 13 | 0 | 13 | ----- | ----- | ----- |

LOS ANGELES HARBOR, CA
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Domestic | | | | |
|---|------------|------------|------------|----------|-----------|-----------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| 6747 grain mill products | 3 | ----- | 3 | ----- | ----- | ----- |
| 6781 hay & fodder | 2 | ----- | 2 | ----- | ----- | ----- |
| 6782 animal feed, prep. | 18 | 6 | 12 | ----- | ----- | ----- |
| Subtotal other agricultural products | 619 | 151 | 420 | ----- | 5 | 42 |
| 6811 meat, fresh, frozen | 73 | 0 | 73 | ----- | ----- | ----- |
| 6822 dairy products | 17 | 0 | 16 | ----- | ----- | ----- |
| 6839 animals & prod. nec | 1 | 1 | 0 | ----- | ----- | ----- |
| 6856 bananas & plantains | 14 | 0 | 14 | ----- | ----- | ----- |
| 6857 fruit & nuts nec | 10 | 3 | 7 | ----- | ----- | ----- |
| 6858 fruit juices | 100 | 98 | 1 | ----- | ----- | ----- |
| 6865 molasses | 78 | 38 | ----- | ----- | ----- | 39 |
| 6871 coffee | 2 | 0 | 1 | ----- | ----- | ----- |
| 6885 alcoholic beverages | 124 | ----- | 124 | ----- | ----- | ----- |
| 6887 groceries | 19 | 0 | 19 | ----- | 0 | ----- |
| 6888 water & ice | 8 | ----- | ----- | ----- | 5 | 3 |
| 6889 food products nec | 167 | 7 | 161 | ----- | 0 | ----- |
| 6891 tobacco & products | 3 | 0 | 3 | ----- | ----- | ----- |
| 6899 farm products nec | 4 | 4 | ----- | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 547 | 140 | 406 | 1 | 0 | ----- |
| 7110 machinery (not elec) | 52 | 13 | 39 | 0 | 0 | ----- |
| 7120 electrical machinery | 17 | 0 | 17 | ----- | 0 | ----- |
| 7210 vehicles & parts | 114 | 59 | 55 | ----- | 0 | ----- |
| 7220 aircraft & parts | 0 | 0 | 0 | ----- | ----- | ----- |
| 7230 ships & boats | 1 | 0 | 0 | ----- | ----- | ----- |
| 7400 manufac. wood prod. | 17 | 10 | 7 | ----- | ----- | ----- |
| 7500 textile products | 9 | 0 | 9 | ----- | ----- | ----- |
| 7600 rubber & plastic pr. | 5 | 0 | 5 | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 332 | 57 | 274 | 1 | 0 | ----- |
| Total waste and scrap nec | 0 | ----- | ----- | 0 | ----- | 0 |
| 8900 waste and scrap nec | 0 | ----- | ----- | 0 | ----- | 0 |
| Total unknown or not elsewhere classified | 2 | 0 | 2 | ----- | ----- | ----- |
| 9900 unknown or nec | 2 | 0 | 2 | ----- | ----- | ----- |

PORT HUENEME, CA

Section Included: Harbor at Port Hueneme. Project Depths: 40 feet in approach channel; 36 feet in entrance channel; 35 feet in Channel Basin and Channel A. Controlling Depth: 40 feet in approach channel; 36 feet in entrance channel; 35 feet in Central Basin and Channel A.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 1,140 | 1990 | 574 |
| 1986 | 521 | 1991 | 416 |
| 1987 | 513 | 1992 | 474 |
| 1988 | 623 | 1993 | 696 |
| 1989 | 749 | 1994 | 814 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | | Domestic | | | | |
|--|-------------|------------|------------|-----------|-----------|-----------|----------|-----------|
| | | Imports | Exports | Total | Coastwise | | Internal | |
| | | | | | Receipts | Shipments | Receipts | Shipments |
| Total, all commodities | 814 | 481 | 268 | 65 | 37 | 18 | 2 | 7 |
| Total petroleum and petroleum products | 35 | 0 | ----- | 34 | 34 | ----- | ----- | ----- |
| Subtotal petroleum products | 35 | 0 | ----- | 34 | 34 | ----- | ----- | ----- |
| 2340 residual fuel oil | 27 | 0 | ----- | 27 | 27 | ----- | ----- | ----- |
| 2350 lube oil & greases | 8 | ----- | ----- | 8 | 8 | ----- | ----- | ----- |
| Total chemicals and related products | 4 | 4 | 0 | ----- | ----- | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 4 | 4 | 0 | ----- | ----- | ----- | ----- | ----- |
| 3220 alcohols | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3240 nitrogen func. comp. | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3274 sodium hydroxide | 4 | 4 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3282 pigments & paints | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3286 plastics | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 35 | 35 | 0 | ----- | ----- | ----- | ----- | ----- |
| Subtotal pulp and waste paper | 35 | 35 | ----- | ----- | ----- | ----- | ----- | ----- |
| 4225 pulp & waste paper | 35 | 35 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 4310 building stone | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 4680 non-ferrous scrap | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |

PORT HUENEME, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Domestic | | | | |
|---|----------------|------------|------------|-----------|-----------|-----------|----------|-----------|
| | | Imports | Exports | Total | Coastwise | | Internal | |
| | | | | | Receipts | Shipments | Receipts | Shipments |
| Total primary manufactured goods | 21 | 21 | 0 | ----- | ----- | ----- | ----- | ----- |
| Subtotal lime, cement and glass | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 5290 misc. mineral prod. | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal primary Iron and steel products | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 5330 i&s plates & sheets | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 5360 i&s bars & shapes | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 5390 primary i&s nec | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 5422 aluminum | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 5429 smelted prod. nec | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 5480 fab. metal products | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| Subtotal primary wood products | 21 | 21 | ----- | ----- | ----- | ----- | ----- | ----- |
| 5540 primary wood prod. | 21 | 21 | ----- | ----- | ----- | ----- | ----- | ----- |
| Total food and farm products | 483 | 225 | 258 | 1 | 0 | 0 | ----- | ----- |
| Subtotal fish | 1 | 1 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6136 shellfish | 1 | 1 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal vegetable products | 16 | 0 | 16 | ----- | ----- | ----- | ----- | ----- |
| 6654 vegetables & prod. | 16 | 0 | 16 | ----- | ----- | ----- | ----- | ----- |
| Subtotal processed grain and animal feed | 0 | ----- | ----- | 0 | ----- | 0 | ----- | ----- |
| 6782 animal feed, prep. | 0 | ----- | ----- | 0 | ----- | 0 | ----- | ----- |
| Subtotal other agricultural products | 467 | 224 | 242 | 1 | 0 | 0 | ----- | ----- |
| 6811 meat, fresh, frozen | 15 | 15 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6839 animals & prod. nec | 1 | ----- | 0 | 1 | 0 | 0 | ----- | ----- |
| 6856 bananas & plantains | 208 | 208 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6857 fruit & nuts nec | 243 | 1 | 242 | ----- | ----- | ----- | ----- | ----- |
| 6858 fruit juices | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6871 coffee | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6872 cocoa beans | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 235 | 196 | 9 | 29 | 2 | 18 | 2 | 7 |
| 7110 machinery (not elec) | 40 | 10 | 0 | 29 | 2 | 18 | 2 | 7 |
| 7120 electrical machinery | 1 | 1 | 0 | ----- | ----- | ----- | ----- | ----- |
| 7210 vehicles & parts | 193 | 185 | 9 | ----- | ----- | ----- | ----- | ----- |
| 7220 aircraft & parts | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 7230 ships & boats | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 7300 ordnance & access. | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 7500 textile products | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |

PORT HUENEME, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Domestic | | | |
|--|----------------|----------|----------|----------|--------------------|--------------------|-------|
| | | Imports | Exports | Total | Coastwise | Internal | |
| | | | | | Receipts Shipments | Receipts Shipments | |
| 7900 manufac. prod. nec | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| Total unknown or not elsewhere classified | 1 | 0 | 1 | ----- | ----- | ----- | ----- |
| 9900 unknown or nec | 1 | 0 | 1 | ----- | ----- | ----- | ----- |

Other Harbors and Waterways

| Harbor or Waterway | Commodity | Tons Thousand |
|--------------------------|---------------------------|------------------|
| Project | | |
| MISSION BAY, CA | No Commerce Reported | |
| MORRO BAY HARBOR, CA | No Commerce Reported | |
| NEWPORT BAY HARBOR, CA | No Commerce Reported | |
| REDONDO BEACH, CA | 5480 fab. metal products | 0 |
| | 7230 ships & boats | 0 |
| | 7600 rubber & plastic pr. | 0 |
| | Total Tons(x1000) | 0 |
| SANTA BARBARA HARBOR, CA | 6134 fish (not shellfish) | 1 |
| | 6136 shellfish | 4 |
| | Total Tons(x1000) | 5 |
| Non-project | | |
| ELLWOOD, CA | 2100 crude petroleum | 246 |
| | 2340 residual fuel oil | 25 |
| | 4189 lumber | 0 |
| | 4900 non-metal. min. nec | 0 |
| | 5480 fab. metal products | 0 |
| | 6747 grain mill products | 0 |
| | 6887 groceries | 0 |
| | 6889 food products nec | 0 |
| | 7110 machinery (not elec) | 20 |
| | 7210 vehicles & parts | 0 |
| | 7900 manufac. prod. nec | 1 |
| | Total Tons(x1000) | 292 |

SACRAMENTO RIVER, CA (INCLUDING COMMERCE OF SACRAMENTO RIVER DEEPWATER SHIP CHANNEL AND THE PORT OF SACRAMENTO, CA)

Section Included: From mouth of river to Red Bluff via river route, a distance of 248 miles; from mouth of Cache Slough to Washington Lake via Sacramento River Deepwater Ship Channel, a distance of 29.9 miles. Controlling Depth: Mouth of river to Cache Slough, 29 feet; mouth of Cache Slough to Washington Lake via Sacramento River Deepwater Ship Channel, 29 ft.; mouth of Cache Slough to Sacramento via river route, 10 feet; Sacramento to Colusa, 6 feet in low water season; Colusa to Chico Landing, 3 ft., Chico Landing to Red Bluff, 1.5 feet. Project Depth: 30 feet from mouth of river to Cache Slough; 30 feet from Cache Slough to Washington Lake via Sacramento River Deepwater Ship Channel; 10 feet from mouth of Cache Slough to Sacramento via river route; 6 feet from Sacramento to Colusa; 5 ft. from Colusa to Chico Landing; such depths as practicable from Chico Landing to Red Bluff.

**Comparative Statement of Traffic
(thousand tons)**

| Year | Total | Year | Total |
|------|-------|-------------|--------------|
| 1985 | 1,749 | 1990 | 1,574 |
| 1986 | 1,209 | 1991 | 1,335 |
| 1987 | 1,400 | 1992 | 1,160 |
| 1988 | 1,520 | 1993 | 1,094 |
| 1989 | 1,440 | 1994 | 1,573 |

**Freight Traffic, 1994
(thousand tons)**

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | | | |
|--|----------------|------------|------------|------------|------------|------------|--------------------|---------------------|----------|
| | | Imports | Exports | Imports | Total | Coastwise | Internal | | |
| | | | | | Receipts | Shipments | Inbound Upbound | Outbound Downbnd | |
| Total, all commodities | 1,573 | 121 | 981 | 106 | 366 | 333 | 4 | 26 | 3 |
| Total petroleum and petroleum products | 47 | 47 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal petroleum products | 47 | 47 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 2330 distillate fuel oil | 47 | 47 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Total chemicals and related products | 415 | 26 | 0 | 55 | 333 | 333 | ----- | ----- | ----- |
| Subtotal fertilizers | 302 | 26 | ----- | 23 | 252 | 252 | ----- | ----- | ----- |
| 3110 nitrogenous fert. | 284 | 9 | ----- | 23 | 252 | 252 | ----- | ----- | ----- |
| 3190 fert. & mixes nec | 17 | 17 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 113 | 0 | 0 | 32 | 81 | 81 | ----- | ----- | ----- |
| 3219 other hydrocarbons | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 3273 ammonia | 113 | ----- | ----- | 32 | 81 | 81 | ----- | ----- | ----- |
| 3285 perfumes & cleansers | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |

SACRAMENTO RIVER, CA (INCLUDING COMMERCE OF SACRAMENTO RIVER DEEPWATER SHIP
CHANNEL AND THE PORT OF SACRAMENTO, CA)
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | | | |
|---|----------------|-----------|------------|-----------|-----------|-----------|--------------------|---------------------|----------|
| | | Imports | Exports | Imports | Total | Coastwise | Internal | | |
| | | | | | Receipts | Shipments | Inbound Upbound | Outbound Downbnd | |
| Total crude materials, inedible except fuels | 353 | 23 | 297 | ----- | 33 | ----- | 4 | 26 | 3 |
| Subtotal forest products, wood and chips | 295 | 23 | 268 | ----- | 5 | ----- | 4 | 0 | ----- |
| 4150 fuel wood | 9 | ----- | 9 | ----- | ----- | ----- | ----- | ----- | ----- |
| 4161 wood chips | 223 | ----- | 219 | ----- | 4 | ----- | 4 | ----- | ----- |
| 4170 wood in the rough | 63 | 23 | 40 | ----- | 0 | ----- | ----- | 0 | ----- |
| Subtotal soil, sand, gravel, rock and stone | 22 | ----- | ----- | ----- | 22 | ----- | ----- | 20 | 3 |
| 4331 sand & gravel | 22 | ----- | ----- | ----- | 22 | ----- | ----- | 20 | 3 |
| Subtotal marine shells | 6 | ----- | ----- | ----- | 6 | ----- | ----- | 6 | ----- |
| 4515 marine shells | 6 | ----- | ----- | ----- | 6 | ----- | ----- | 6 | ----- |
| Subtotal sulphur, clay and salt | 29 | ----- | 29 | ----- | ----- | ----- | ----- | ----- | ----- |
| 4782 clay & refrac. mat. | 29 | ----- | 29 | ----- | ----- | ----- | ----- | ----- | ----- |
| Total primary manufactured goods | 18 | 18 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| Subtotal paper products | 14 | 13 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 5110 newsprint | 13 | 13 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 5120 paper & paperboard | 0 | ----- | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| Subtotal primary iron and steel products | 4 | 4 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 5330 i&s plates & sheets | 4 | 4 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Total food and farm products | 740 | 6 | 684 | 51 | ----- | ----- | ----- | ----- | ----- |
| Subtotal grain | 710 | ----- | 664 | 46 | ----- | ----- | ----- | ----- | ----- |
| 6241 wheat | 108 | ----- | 108 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6442 rice | 556 | ----- | 556 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6443 barley & rye | 46 | ----- | ----- | 46 | ----- | ----- | ----- | ----- | ----- |
| Subtotal oilseeds | 13 | ----- | 13 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6590 oilseeds nec | 13 | ----- | 13 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal vegetable products | 7 | ----- | 7 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6653 vegetable oils | 7 | ----- | 7 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6654 vegetables & prod. | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |

SACRAMENTO RIVER, CA (INCLUDING COMMERCE OF SACRAMENTO RIVER DEEPWATER SHIP
CHANNEL AND THE PORT OF SACRAMENTO, CA)
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | | |
|---|----------------|---------------|----------------|--------------|---------------|---------------|--------------------|---------------------|
| | | Imports | Exports | Imports | Total | Coastwise | Internal | |
| | | | | | Receipts | Shipments | Inbound Upbound | Outbound Downbnd |
| Subtotal processed grain and animal feed | 10 | 6 | ----- | 4 | ----- | ----- | ----- | ----- |
| 6782 animal feed, prep. | 10 | 6 | ----- | 4 | ----- | ----- | ----- | ----- |
| Subtotal other agricultural products | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 6811 meat, fresh, frozen | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 6839 animals & prod. nec | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 7110 machinery (not elec) | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 7120 electrical machinery | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 7210 vehicles & parts | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 7500 textile products | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| Total unknown or not elsewhere classified | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 9900 unknown or nec | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| Ton-miles (x1000) | 132,806 | 10,367 | 84,355 | 9,129 | 28,955 | 28,617 | 299 | 5 34 |
| Tons All Traffic (x1000) | | | 1,573 | | | | | |
| Ton-miles All Traffic (x1000) | | | 132,807 | | | | | |

SACRAMENTO RIVER DEEPWATER SHIP CHANNEL, CA (INCLUDED IN SACRAMENTO RIVER, CA)

Section Included: A Deepwater Ship Channel from Suisun Bay to the Inland Harbor at Sacramento, a distance of 43 miles; a triangular shaped deep draft harbor and turning basin located at West Sacramento; a 1.5 mile-long barge canal with navigation lock connecting the deep draft harbor with the Sacramento River. Controlling Depth: 29 ft. in the Deepwater Ship Channel and triangular shaped harbor and turning basin; 13 feet in the barge canal. Project Depth: 30 feet in the Deepwater Ship Channel and triangular shaped harbor and turning basin; 13 feet in the barge canal.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 1,493 | 1990 | 1,359 |
| 1986 | 976 | 1991 | 1,197 |
| 1987 | 1,220 | 1992 | 1,136 |
| 1988 | 1,398 | 1993 | 1,078 |
| 1989 | 1,287 | 1994 | 1,542 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | |
|---|----------------|---------|---------|----------|----------|-----------|-------|
| | | Imports | Exports | Imports | Total | Coastwise | |
| | | | | | Receipts | Shipments | |
| Total, all commodities | 1,542 | 121 | 981 | 106 | 334 | 333 | 2 |
| Total petroleum and petroleum products | 47 | 47 | ----- | ----- | ----- | ----- | ----- |
| Subtotal petroleum products | 47 | 47 | ----- | ----- | ----- | ----- | ----- |
| 2330 distillate fuel oil | 47 | 47 | ----- | ----- | ----- | ----- | ----- |
| Total chemicals and related products | 415 | 26 | 0 | 55 | 333 | 333 | ----- |
| Subtotal fertilizers | 302 | 26 | ----- | 23 | 252 | 252 | ----- |
| 3110 nitrogenous fert. | 284 | 9 | ----- | 23 | 252 | 252 | ----- |
| 3190 fert. & mixes nec | 17 | 17 | ----- | ----- | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 113 | 0 | 0 | 32 | 81 | 81 | ----- |
| 3219 other hydrocarbons | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 3273 ammonia | 113 | ----- | ----- | 32 | 81 | 81 | ----- |
| 3285 perfumes & cleansers | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 321 | 23 | 297 | ----- | 2 | ----- | 2 |
| Subtotal forest products, wood and chips | 292 | 23 | 268 | ----- | 2 | ----- | 2 |
| 4150 fuel wood | 9 | ----- | 9 | ----- | ----- | ----- | ----- |
| 4161 wood chips | 220 | ----- | 219 | ----- | 2 | ----- | 2 |
| 4170 wood in the rough | 63 | 23 | 40 | ----- | ----- | ----- | ----- |
| Subtotal sulphur, clay and salt | 29 | ----- | 29 | ----- | ----- | ----- | ----- |
| 4782 clay & refrac. mat. | 29 | ----- | 29 | ----- | ----- | ----- | ----- |
| Total primary manufactured goods | 18 | 18 | ----- | 0 | ----- | ----- | ----- |
| Subtotal paper products | 14 | 13 | ----- | 0 | ----- | ----- | ----- |
| 5110 newsprint | 13 | 13 | ----- | ----- | ----- | ----- | ----- |

SACRAMENTO RIVER DEEPWATER SHIP CHANNEL, CA (INCLUDED IN SACRAMENTO RIVER, CA)
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian Imports | Domestic | |
|---|----------------|--------------|---------------|---------------------|-------------------|------------------------|
| | | Imports | Exports | | Total Receipts | Coastwise Shipments |
| 5120 paper & paperboard | 0 | ----- | ----- | 0 | ----- | ----- |
| Subtotal primary iron and steel products | 4 | 4 | ----- | ----- | ----- | ----- |
| 5330 i&s plates & sheets | 4 | 4 | ----- | ----- | ----- | ----- |
| Total food and farm products | 740 | 6 | 684 | 51 | ----- | ----- |
| Subtotal grain | 710 | ----- | 664 | 46 | ----- | ----- |
| 6241 wheat | 108 | ----- | 108 | ----- | ----- | ----- |
| 6442 rice | 556 | ----- | 556 | ----- | ----- | ----- |
| 6443 barley & rye | 46 | ----- | ----- | 46 | ----- | ----- |
| Subtotal oilseeds | 13 | ----- | 13 | ----- | ----- | ----- |
| 6590 oilseeds nec | 13 | ----- | 13 | ----- | ----- | ----- |
| Subtotal vegetable products | 7 | ----- | 7 | ----- | ----- | ----- |
| 6653 vegetable oils | 7 | ----- | 7 | ----- | ----- | ----- |
| 6654 vegetables & prod. | 0 | ----- | 0 | ----- | ----- | ----- |
| Subtotal processed grain and animal feed | 10 | 6 | ----- | 4 | ----- | ----- |
| 6782 animal feed, prep. | 10 | 6 | ----- | 4 | ----- | ----- |
| Subtotal other agricultural products | 0 | 0 | 0 | ----- | ----- | ----- |
| 6811 meat, fresh, frozen | 0 | ----- | 0 | ----- | ----- | ----- |
| 6839 animals & prod. nec | 0 | 0 | ----- | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 0 | 0 | 0 | ----- | ----- | ----- |
| 7110 machinery (not elec) | 0 | 0 | ----- | ----- | ----- | ----- |
| 7120 electrical machinery | 0 | 0 | ----- | ----- | ----- | ----- |
| 7210 vehicles & parts | 0 | 0 | 0 | ----- | ----- | ----- |
| 7500 textile products | 0 | 0 | ----- | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 0 | 0 | 0 | ----- | ----- | ----- |
| Total unknown or not elsewhere classified | 0 | 0 | ----- | ----- | ----- | ----- |
| 9900 unknown or nec | 0 | 0 | ----- | ----- | ----- | ----- |
| Ton-miles (x1000) | 63,222 | 4,942 | 40,216 | 4,352 | 13,712 | 68 |
| Tons All Traffic (x1000) | 1,542 | | | | | |
| Ton-miles All Traffic (x1000) | 63,223 | | | | | |

SACRAMENTO, CA (INCLUDED IN SACRAMENTO RIVER, CA)

Section Included: A triangular shaped harbor and turning basin at Washington Lake, West Sacramento, adjacent to channel; a connecting barge canal to the Sacramento River shallow draft channel; thence upstream to a point approximately 6.6 miles upstream at Bryte. Controlling Depth: 29 feet in the deepwater channel harbor and turning basin; 13 feet in the connecting barge canal; 10 feet in the shallow draft channel. Project Depth: 30 feet in the deepwater channel harbor and turning basin; 13 feet in the connecting barge canal; 10 feet in the shallow draft channel.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 1,497 | 1990 | 1,485 |
| 1986 | 1,015 | 1991 | 1,226 |
| 1987 | 1,227 | 1992 | 1,136 |
| 1988 | 1,443 | 1993 | 1,078 |
| 1989 | 1,295 | 1994 | 1,545 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | |
|--|----------------|------------|------------|------------|------------|------------|----------|
| | | Imports | Exports | Imports | Total | Coastwise | |
| | | | | | Receipts | Shipments | |
| Total, all commodities | 1,545 | 121 | 981 | 106 | 337 | 333 | 4 |
| Total petroleum and petroleum products | 47 | 47 | ----- | ----- | ----- | ----- | ----- |
| Subtotal petroleum products | 47 | 47 | ----- | ----- | ----- | ----- | ----- |
| 2330 distillate fuel oil | 47 | 47 | ----- | ----- | ----- | ----- | ----- |
| Total chemicals and related products | 415 | 26 | 0 | 55 | 333 | 333 | ----- |
| Subtotal fertilizers | 302 | 26 | ----- | 23 | 252 | 252 | ----- |
| 3110 nitrogenous fert. | 284 | 9 | ----- | 23 | 252 | 252 | ----- |
| 3190 fert. & mixes nec | 17 | 17 | ----- | ----- | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 113 | 0 | 0 | 32 | 81 | 81 | ----- |
| 3219 other hydrocarbons | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 3273 ammonia | 113 | ----- | ----- | 32 | 81 | 81 | ----- |
| 3285 perfumes & cleansers | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 324 | 23 | 297 | ----- | 4 | ----- | 4 |
| Subtotal forest products, wood and chips | 295 | 23 | 268 | ----- | 4 | ----- | 4 |
| 4150 fuel wood | 9 | ----- | 9 | ----- | ----- | ----- | ----- |
| 4161 wood chips | 223 | ----- | 219 | ----- | 4 | ----- | 4 |
| 4170 wood in the rough | 63 | 23 | 40 | ----- | ----- | ----- | ----- |
| Subtotal sulphur, clay and salt | 29 | ----- | 29 | ----- | ----- | ----- | ----- |
| 4782 clay & refrac. mat. | 29 | ----- | 29 | ----- | ----- | ----- | ----- |
| Total primary manufactured goods | 18 | 18 | ----- | 0 | ----- | ----- | ----- |
| Subtotal paper products | 14 | 13 | ----- | 0 | ----- | ----- | ----- |
| 5110 newsprint | 13 | 13 | ----- | ----- | ----- | ----- | ----- |

SACRAMENTO, CA (INCLUDED IN SACRAMENTO RIVER, CA)
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Grand Total | Foreign | | Canadian Imports | Domestic | |
|---|----------------|----------|------------|---------------------|-------------------|------------------------|
| | | Imports | Exports | | Total Receipts | Coastwise Shipments |
| 5120 paper & paperboard | 0 | ----- | ----- | 0 | ----- | ----- |
| Subtotal primary iron and steel products | 4 | 4 | ----- | ----- | ----- | ----- |
| 5330 i&s plates & sheets | 4 | 4 | ----- | ----- | ----- | ----- |
| Total food and farm products | 740 | 6 | 684 | 51 | ----- | ----- |
| Subtotal grain | 710 | ----- | 664 | 46 | ----- | ----- |
| 6241 wheat | 108 | ----- | 108 | ----- | ----- | ----- |
| 6442 rice | 556 | ----- | 556 | ----- | ----- | ----- |
| 6443 barley & rye | 46 | ----- | ----- | 46 | ----- | ----- |
| Subtotal oilseeds | 13 | ----- | 13 | ----- | ----- | ----- |
| 6590 oilseeds nec | 13 | ----- | 13 | ----- | ----- | ----- |
| Subtotal vegetable products | 7 | ----- | 7 | ----- | ----- | ----- |
| 6653 vegetable oils | 7 | ----- | 7 | ----- | ----- | ----- |
| 6654 vegetables & prod. | 0 | ----- | 0 | ----- | ----- | ----- |
| Subtotal processed grain and animal feed | 10 | 6 | ----- | 4 | ----- | ----- |
| 6782 animal feed, prep. | 10 | 6 | ----- | 4 | ----- | ----- |
| Subtotal other agricultural products | 0 | 0 | 0 | ----- | ----- | ----- |
| 6811 meat, fresh, frozen | 0 | ----- | 0 | ----- | ----- | ----- |
| 6839 animals & prod. nec | 0 | 0 | ----- | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 0 | 0 | 0 | ----- | ----- | ----- |
| 7110 machinery (not elec) | 0 | 0 | ----- | ----- | ----- | ----- |
| 7120 electrical machinery | 0 | 0 | ----- | ----- | ----- | ----- |
| 7210 vehicles & parts | 0 | 0 | 0 | ----- | ----- | ----- |
| 7500 textile products | 0 | 0 | ----- | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 0 | 0 | 0 | ----- | ----- | ----- |
| Total unknown or not elsewhere classified | 0 | 0 | ----- | ----- | ----- | ----- |
| 9900 unknown or nec | 0 | 0 | ----- | ----- | ----- | ----- |

SAN JOAQUIN RIVER, CA (INCLUDING COMMERCE OF PORT OF STOCKTON, CA)

Section Included: From mouth of New York Slough to city of Stockton, 41 miles; from Stockton Channel to Hills Ferry, 84 miles. Controlling Depth: mouth of river to Mormon Channel, Stockton, 35 feet; other connecting channels, 2 feet to 9 feet; to Edison Street, 22 feet. Project Depth: 35 feet from the mouth of New York Slough to Mormon Channel at Stockton; 30 feet from Mormon Channel to Edison Street; other connecting channels, 9 feet.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 2,517 | 1990 | 3,491 |
| 1986 | 2,430 | 1991 | 3,345 |
| 1987 | 3,771 | 1992 | 3,530 |
| 1988 | 3,284 | 1993 | 2,493 |
| 1989 | 3,819 | 1994 | 3,337 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|--------------|--------------|--------------|------------|----------|
| | | Imports | Exports | Imports | Exports |
| Total, all commodities | 3,067 | 1,592 | 1,229 | 239 | 7 |
| Total coal | 42 | 42 | ----- | ----- | ----- |
| 1200 coal coke | 42 | 42 | ----- | ----- | ----- |
| Total petroleum and petroleum products | 460 | ----- | 460 | ----- | ----- |
| Subtotal petroleum products | 460 | ----- | 460 | ----- | ----- |
| 2350 lube oil & greases | 0 | ----- | 0 | ----- | ----- |
| 2540 petroleum coke | 460 | ----- | 460 | ----- | ----- |
| Total chemicals and related products | 429 | 231 | 83 | 115 | ----- |
| Subtotal fertilizers | 101 | 101 | ----- | ----- | ----- |
| 3110 nitrogenous fert. | 38 | 38 | ----- | ----- | ----- |
| 3190 fert. & mixes nec | 63 | 63 | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 328 | 129 | 83 | 115 | ----- |
| 3220 alcohols | 0 | 0 | ----- | ----- | ----- |
| 3250 organo- inorgan. comp | 1 | 1 | ----- | ----- | ----- |
| 3271 sulphur (liquid) | 82 | ----- | 82 | ----- | ----- |
| 3273 ammonia | 232 | 125 | ----- | 107 | ----- |
| 3274 sodium hydroxide | 11 | 2 | ----- | 9 | ----- |
| 3276 metallic salts | 3 | 1 | 2 | ----- | ----- |
| 3282 pigments & paints | 0 | 0 | ----- | ----- | ----- |
| 3286 plastics | 0 | 0 | 0 | ----- | ----- |
| Total crude materials, inedible except fuels | 538 | 351 | 180 | ----- | 7 |
| Subtotal forest products, wood and chips | 0 | ----- | 0 | ----- | ----- |
| 4189 lumber | 0 | ----- | 0 | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 306 | 299 | ----- | ----- | 7 |
| 4323 gypsum | 306 | 299 | ----- | ----- | 7 |
| Subtotal iron ore and scrap | 35 | ----- | 35 | ----- | ----- |
| 4420 iron & steel scrap | 35 | ----- | 35 | ----- | ----- |

SAN JOAQUIN RIVER, CA (INCLUDING COMMERCE OF PORT OF STOCKTON, CA)
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|---|---------------|---------------|---------------|--------------|----------|
| | | Imports | Exports | Imports | Exports |
| Subtotal non-ferrous ores and scrap | 39 | 39 | ----- | ----- | ----- |
| 4680 non-ferrous scrap | 12 | 12 | ----- | ----- | ----- |
| 4690 non-ferrous ores nec | 27 | 27 | ----- | ----- | ----- |
| Subtotal sulphur, clay and salt | 157 | 13 | 144 | ----- | ----- |
| 4741 sulphur, (dry) | 144 | ----- | 144 | ----- | ----- |
| 4782 clay & refrac. mat. | 13 | 13 | ----- | ----- | ----- |
| Subtotal other non-metal. min. | 0 | 0 | ----- | ----- | ----- |
| 4900 non-metal. min. nec | 0 | 0 | ----- | ----- | ----- |
| Total primary manufactured goods | 967 | 807 | 160 | ----- | ----- |
| Subtotal lime, cement and glass | 0 | 0 | ----- | ----- | ----- |
| 5290 misc. mineral prod. | 0 | 0 | ----- | ----- | ----- |
| Subtotal primary iron and steel products | 966 | 807 | 160 | ----- | ----- |
| 5330 i&s plates & sheets | 801 | 801 | ----- | ----- | ----- |
| 5370 i&s pipe & tube | 165 | 6 | 160 | ----- | ----- |
| Total food and farm products | 631 | 162 | 346 | 123 | ----- |
| Subtotal grain | 440 | ----- | 317 | 123 | ----- |
| 6241 wheat | 240 | ----- | 240 | ----- | ----- |
| 6442 rice | 77 | ----- | 77 | ----- | ----- |
| 6443 barley & rye | 123 | ----- | ----- | 123 | ----- |
| Subtotal oilseeds | 27 | ----- | 27 | ----- | ----- |
| 6590 oilseeds nec | 27 | ----- | 27 | ----- | ----- |
| Subtotal vegetable products | 0 | ----- | 0 | ----- | ----- |
| 6654 vegetables & prod. | 0 | ----- | 0 | ----- | ----- |
| Subtotal other agricultural products | 164 | 162 | 2 | ----- | ----- |
| 6811 meat, fresh, frozen | 0 | ----- | 0 | ----- | ----- |
| 6838 tallow, animal oils | 1 | ----- | 1 | ----- | ----- |
| 6857 fruit & nuts nec | 0 | ----- | 0 | ----- | ----- |
| 6861 sugar | 64 | 64 | ----- | ----- | ----- |
| 6865 molasses | 98 | 98 | ----- | ----- | ----- |
| 6891 tobacco & products | 0 | 0 | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 0 | 0 | 0 | ----- | ----- |
| 7110 machinery (not elec) | 0 | 0 | 0 | ----- | ----- |
| 7210 vehicles & parts | 0 | ----- | 0 | ----- | ----- |
| 7300 ordnance & access. | 0 | ----- | 0 | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | 0 | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 0 | 0 | ----- | ----- | ----- |
| Ton-miles (x1000) | 63,726 | | 34,094 | | 7 |
| Foreign & Canadian | | 19,969 | | 9,656 | |

SAN JOAQUIN RIVER, CA (INCLUDING COMMERCE OF PORT OF STOCKTON, CA)
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Domestic | | | |
|--|---------------|--------------|--------------------|---------------------|--------------------|
| | | Coastwise | Internal | | |
| | | Receipts | Inbound Upbound | Outbound Downbnd | Through Upbound |
| Total, all commodities | 271 | 165 | 101 | 3 | 2 |
| Total petroleum and petroleum products | 2 | ----- | 2 | ----- | ----- |
| Subtotal petroleum products | 2 | ----- | 2 | ----- | ----- |
| 2340 residual fuel oil | 2 | ----- | 2 | ----- | ----- |
| Total chemicals and related products | 165 | 165 | ----- | ----- | ----- |
| Subtotal fertilizers | 9 | 9 | ----- | ----- | ----- |
| 3190 fert. & mixes nec | 9 | 9 | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 156 | 156 | ----- | ----- | ----- |
| 3273 ammonia | 67 | 67 | ----- | ----- | ----- |
| 3274 sodium hydroxide | 89 | 89 | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 3 | ----- | ----- | 3 | ----- |
| Subtotal soil, sand, gravel, rock and stone | 3 | ----- | ----- | 3 | ----- |
| 4331 sand & gravel | 3 | ----- | ----- | 3 | ----- |
| Total primary manufactured goods | 13 | ----- | 11 | ----- | 2 |
| Subtotal lime, cement and glass | 13 | ----- | 11 | ----- | 2 |
| 5290 misc. mineral prod. | 13 | ----- | 11 | ----- | 2 |
| Total food and farm products | 88 | ----- | 88 | ----- | ----- |
| Subtotal other agricultural products | 88 | ----- | 88 | ----- | ----- |
| 6865 molasses | 88 | ----- | 88 | ----- | ----- |
| Ton-miles (x1000) | 7,162 | | 3,810 | | 56 |
| Domestic | | 3,289 | | 8 | |
| Tons All Traffic (x1000) | 3,337 | | | | |
| Ton-miles All Traffic (x1000) | 70,889 | | | | |

STOCKTON, CA (INCLUDED IN SAN JOAQUIN RIVER, CA)

Section Included: Harbor at Stockton (and vicinity). Controlling Depth: 35 feet in Stockton Channel up to mouth of Mormon Channel; 8 feet in Mormon Channel; 8 feet in Fremont Channel, McLeod Lake and in the head of Stockton Channel. Project Depth: (Included in San Joaquin River project).

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 749 | 1990 | 1,732 |
| 1986 | 868 | 1991 | 1,491 |
| 1987 | 1,389 | 1992 | 1,719 |
| 1988 | 1,375 | 1993 | 1,103 |
| 1989 | 2,138 | 1994 | 1,609 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | |
|--|----------------|------------|------------|------------|------------|-----------|-----------|
| | | Imports | Exports | Imports | Total | Coastwise | Internal |
| | | | | | | Receipts | Receipts |
| Total, all commodities | 1,609 | 413 | 802 | 230 | 164 | 76 | 88 |
| Total petroleum and petroleum products | 49 | ----- | 49 | ----- | ----- | ----- | ----- |
| Subtotal petroleum products | 49 | ----- | 49 | ----- | ----- | ----- | ----- |
| 2350 lube oil & greases | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 2540 petroleum coke | 49 | ----- | 49 | ----- | ----- | ----- | ----- |
| Total chemicals and related products | 494 | 228 | 83 | 107 | 76 | 76 | ----- |
| Subtotal fertilizers | 111 | 101 | ----- | ----- | 9 | 9 | ----- |
| 3110 nitrogenous fert. | 38 | 38 | ----- | ----- | ----- | ----- | ----- |
| 3190 fert. & mixes nec | 72 | 63 | ----- | ----- | 9 | 9 | ----- |
| Subtotal other chemicals and related products | 383 | 126 | 83 | 107 | 67 | 67 | ----- |
| 3271 sulphur (liquid) | 82 | ----- | 82 | ----- | ----- | ----- | ----- |
| 3273 ammonia | 299 | 125 | ----- | 107 | 67 | 67 | ----- |
| 3276 metallic salts | 3 | 1 | 2 | ----- | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 178 | 13 | 165 | ----- | ----- | ----- | ----- |
| Subtotal iron ore and scrap | 35 | ----- | 35 | ----- | ----- | ----- | ----- |
| 4420 iron & steel scrap | 35 | ----- | 35 | ----- | ----- | ----- | ----- |
| Subtotal sulphur, clay and salt | 143 | 13 | 130 | ----- | ----- | ----- | ----- |
| 4741 sulphur, (dry) | 130 | ----- | 130 | ----- | ----- | ----- | ----- |
| 4782 clay & refrac. mat. | 13 | 13 | ----- | ----- | ----- | ----- | ----- |
| Total primary manufactured goods | 170 | 11 | 160 | ----- | ----- | ----- | ----- |
| Subtotal lime, cement and glass | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 5290 misc. mineral prod. | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| Subtotal primary iron and steel products | 170 | 11 | 160 | ----- | ----- | ----- | ----- |
| 5330 i&s plates & sheets | 5 | 5 | ----- | ----- | ----- | ----- | ----- |

STOCKTON, CA (INCLUDED IN SAN JOAQUIN RIVER, CA)
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | |
|---|----------------|------------|------------|------------|-----------|-----------|-----------|
| | | Imports | Exports | Imports | Total | Coastwise | Internal |
| | | | | | Receipts | Receipts | Receipts |
| 5370 i&s pipe & tube | 165 | 6 | 160 | ----- | ----- | ----- | ----- |
| Total food and farm products | 718 | 162 | 344 | 123 | 88 | ----- | 88 |
| Subtotal grain | 440 | ----- | 317 | 123 | ----- | ----- | ----- |
| 6241 wheat | 240 | ----- | 240 | ----- | ----- | ----- | ----- |
| 6442 rice | 77 | ----- | 77 | ----- | ----- | ----- | ----- |
| 6443 barley & rye | 123 | ----- | ----- | 123 | ----- | ----- | ----- |
| Subtotal oilseeds | 27 | ----- | 27 | ----- | ----- | ----- | ----- |
| 6590 oilseeds nec | 27 | ----- | 27 | ----- | ----- | ----- | ----- |
| Subtotal vegetable products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6654 vegetables & prod. | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal other agricultural products | 250 | 162 | 0 | ----- | 88 | ----- | 88 |
| 6857 fruit & nuts nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6861 sugar | 64 | 64 | ----- | ----- | ----- | ----- | ----- |
| 6865 molasses | 186 | 98 | ----- | ----- | 88 | ----- | 88 |
| 6891 tobacco & products | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| 7110 machinery (not elec) | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 0 | 0 | ----- | ----- | ----- | ----- | ----- |

Other Harbors and Waterways

| Harbor or Waterway | Commodity | Tons Thousand |
|---------------------|-------------------------------|------------------|
| Project | | |
| MIDDLE RIVER, CA | 5290 misc. mineral prod. | 2 |
| | Total Tons(x1000) | 2 |
| | Total Ton-miles(x1000) | 17 |
| MOKELUMNE RIVER, CA | No Commerce Reported | |
| OLD RIVER, CA | No Commerce Reported | |

TOTAL WATERBORNE COMMERCE OF THE SAN FRANCISCO BAY AND DELTA AREAS, CA

Freight Traffic, 1994
(thousand tons)

| Locality | Foreign | | Domestic | | | | Total | Percent | Through* |
|---|---------|---------|-----------|----------|----------------------|-----------|--------|---------|----------|
| | Imports | Exports | Coastwise | | Internal | | | | Traffic |
| | | | Receipts | Shipmnts | Receipts Shipmnts | Intraport | | | |
| ALVISO SLOUGH, CA | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.00 | ----- |
| BERKELEY, CA | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.00 | ----- |
| CARQUINEZ STRAIT, CA | 1,831 | 2,801 | 6,904 | 3,033 | 4,065 | 118 | 18,751 | 21.08 | 7,367 |
| COYOTE HILL SLOUGH, CA | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.00 | ----- |
| NAPA RIVER, CA | ----- | ----- | ----- | ----- | 80 | ----- | 80 | 0.09 | ----- |
| NEWARK SLOUGH, CA | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.00 | ----- |
| OAKLAND HARBOR, CA | 4,924 | 5,503 | 334 | 1,138 | 1,015 | ----- | 12,914 | 14.52 | ----- |
| OTHER SAN FRANCISCO BAY AREA PORTS, CA | 402 | 701 | 6,509 | 15 | 8,101 | 70 | 15,797 | 17.76 | ----- |
| PETALUMA RIVER, CA | ----- | ----- | ----- | ----- | 226 | 6 | 232 | 0.26 | ----- |
| REDWOOD CITY HARBOR, CA | 300 | 276 | 3 | 209 | 59 | ----- | 846 | 0.95 | ----- |
| RICHMOND HARBOR, CA | 3,238 | 2,850 | 12,431 | 2,424 | 2,738 | 413 | 24,094 | 27.09 | ----- |
| SACRAMENTO RIVER, CA | 227 | 981 | 333 | 4 | 29 | ----- | 1,573 | 1.77 | ----- |
| SAN FRANCISCO HARBOR, CA | 562 | 669 | ----- | ----- | 508 | ----- | 1,739 | 1.95 | ----- |
| SAN JOAQUIN RIVER, CA** | 1,831 | 1,236 | 165 | ----- | 103 | ----- | 3,335 | 3.75 | 2 |
| SAN PABLO BAY AND MARE ISLAND STRAIT, CA | 90 | 132 | 2,443 | 2,010 | 2,241 | 1 | 6,917 | 7.78 | 25,450 |
| SAN RAFAEL CREEK, CA | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.00 | ----- |
| SUISUN BAY CHANNEL, CA | 12 | 360 | 37 | 305 | 1,950 | ----- | 2,663 | 2.99 | 4,893 |
| SUISUN CHANNEL, CA | ----- | ----- | ----- | ----- | 1 | ----- | 1 | 0.00 | ----- |
| TOTAL (UNADJUSTED) | 13,416 | 15,508 | 29,158 | 9,137 | 21,115 | 608 | 88,942 | ----- | 37,711 |
| PERCENT (UNADJUSTED) | 15.08 | 17.44 | 32.78 | 10.27 | 23.74 | 0.68 | ----- | 100.00 | ----- |
| NET VOLUME OF TONNAGE FOR THE AREA*** | 13,416 | 15,508 | 29,158 | 9,137 | 10,559 | 608 | 78,386 | ----- | ----- |
| PERCENT (ADJUSTED) | 17.12 | 19.78 | 37.20 | 11.66 | 13.47 | 0.78 | ----- | 100.00 | ----- |

* Not included in the total tonnage of the Bay and Delta Areas.

** Tributaries to San Joaquin River include Mokelumne, Middle, and Old Rivers.

*** Adjusted to net volume by excluding duplication of internal traffic moved between ports and waterways of the San Francisco Bay and Delta Areas.

SAN FRANCISCO BAY ENTRANCE, CA

Section Included: Main ship channel. Controlling Depth: Main ship channel, 55.0 feet. Project Depth: Main ship channel, 55 feet.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|--------|------|--------|
| 1985 | 50,467 | 1990 | 61,599 |
| 1986 | 54,814 | 1991 | 61,150 |
| 1987 | 57,582 | 1992 | 67,119 |
| 1988 | 60,887 | 1993 | 65,364 |
| 1989 | 64,058 | 1994 | 67,220 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | | Domestic | | |
|---|---------------|---------------|---------------|--------------|--------------|---------------|---------------|--------------|
| | | Through | | Through | | Total | Coastwise | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | |
| Total, all commodities | 67,219 | 12,401 | 15,401 | 1,015 | 107 | 38,295 | 29,158 | 9,137 |
| Total coal | 315 | 264 | 50 | 0 | ----- | 0 | ----- | 0 |
| 1100 coal lignite | 8 | ----- | 8 | 0 | ----- | ----- | ----- | ----- |
| 1200 coal coke | 307 | 264 | 42 | ----- | ----- | 0 | ----- | 0 |
| Total petroleum and petroleum products | 46,462 | 4,465 | 6,891 | 5 | 41 | 35,061 | 27,348 | 7,713 |
| Subtotal crude petroleum | 26,962 | 3,376 | 44 | 0 | ----- | 23,541 | 23,387 | 154 |
| 2100 crude petroleum | 26,962 | 3,376 | 44 | 0 | ----- | 23,541 | 23,387 | 154 |
| Subtotal petroleum products | 19,501 | 1,088 | 6,847 | 5 | 41 | 11,520 | 3,961 | 7,559 |
| 2211 gasoline | 6,273 | 55 | 253 | ----- | ----- | 5,965 | 1,384 | 4,582 |
| 2221 kerosene | 186 | ----- | 186 | ----- | ----- | ----- | ----- | ----- |
| 2330 distillate fuel oil | 3,302 | 72 | 584 | 5 | 19 | 2,624 | 845 | 1,779 |
| 2340 residual fuel oil | 5,051 | 582 | 2,159 | ----- | 22 | 2,287 | 1,670 | 617 |
| 2350 lube oil & greases | 597 | 0 | 81 | ----- | ----- | 516 | 22 | 493 |
| 2410 petro. jelly & waxes | 9 | 0 | 8 | ----- | ----- | 0 | ----- | 0 |
| 2429 naphtha & solvents | 2,762 | 363 | 2,302 | ----- | ----- | 97 | 40 | 57 |
| 2430 asphalt, tar & pitch | 365 | 16 | 326 | ----- | ----- | 23 | ----- | 23 |
| 2540 petroleum coke | 946 | 0 | 946 | ----- | ----- | 0 | ----- | 0 |
| 2640 liquid natural gas | 2 | ----- | 2 | ----- | ----- | 0 | ----- | 0 |
| 2990 petro. products nec | 8 | ----- | ----- | ----- | ----- | 8 | 0 | 8 |
| Total chemicals and related products | 3,299 | 814 | 779 | 673 | 1 | 1,032 | 871 | 161 |
| Subtotal fertilizers | 608 | 288 | 16 | 23 | ----- | 280 | 264 | 16 |
| 3110 nitrogenous fert. | 347 | 71 | 0 | 23 | ----- | 252 | 252 | 0 |
| 3120 phosphatic fert. | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3130 potassic fert. | 1 | 0 | 1 | ----- | ----- | 0 | ----- | 0 |
| 3190 fert. & mixes nec | 260 | 217 | 15 | ----- | ----- | 28 | 12 | 16 |

SAN FRANCISCO BAY ENTRANCE, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | | Domestic | | |
|--|----------------|--------------|--------------|------------|--------------|------------|------------|------------|
| | | Through | | Through | | Total | Coastwise | |
| | | Upbound | Downbnd | Upbound | Downbnd | Through | | |
| | | | | | | Upbound | Downbnd | |
| Subtotal other chemicals and related products | 2,692 | 526 | 763 | 650 | 1 | 752 | 607 | 145 |
| 3211 acyclic hydrocarbons | 81 | 0 | 63 | ----- | ----- | 18 | 0 | 18 |
| 3212 benzene & toluene | 25 | 12 | 0 | ----- | ----- | 13 | 7 | 6 |
| 3219 other hydrocarbons | 22 | 4 | 17 | ----- | ----- | 1 | 0 | 0 |
| 3220 alcohols | 224 | 8 | 30 | 166 | ----- | 20 | 16 | 4 |
| 3230 carboxylic acids | 19 | 5 | 14 | 0 | ----- | 0 | 0 | 0 |
| 3240 nitrogen func. comp. | 28 | 3 | 25 | ----- | ----- | 0 | 0 | ----- |
| 3250 organo- inorgan. comp | 17 | 5 | 12 | ----- | ----- | 0 | ----- | 0 |
| 3260 organic comp. nec | 569 | 223 | 11 | 335 | ----- | ----- | ----- | ----- |
| 3271 sulphur (liquid) | 82 | 0 | 82 | ----- | ----- | ----- | ----- | ----- |
| 3272 sulphuric acid | 4 | ----- | 4 | ----- | ----- | ----- | ----- | ----- |
| 3273 ammonia | 430 | 139 | 4 | 139 | ----- | 147 | 147 | ----- |
| 3274 sodium hydroxide | 213 | 2 | 9 | 10 | ----- | 192 | 192 | 0 |
| 3275 inorg. elem., oxides, & halogen salts | 31 | 10 | 19 | 0 | ----- | 1 | 1 | 1 |
| 3276 metallic salts | 42 | 11 | 25 | 0 | 1 | 5 | ----- | 5 |
| 3279 inorganic chem. nec | 3 | 1 | 2 | ----- | ----- | 0 | 0 | ----- |
| 3281 radioactive material | 3 | 0 | 2 | ----- | ----- | 1 | 1 | ----- |
| 3282 pigments & paints | 60 | 2 | 51 | ----- | ----- | 7 | 0 | 7 |
| 3283 coloring mat. nec | 3 | 1 | 2 | ----- | 0 | ----- | ----- | ----- |
| 3284 medicines | 6 | 2 | 3 | ----- | 0 | 1 | 0 | 1 |
| 3285 perfumes & cleansers | 66 | 3 | 34 | ----- | ----- | 29 | 0 | 29 |
| 3286 plastics | 364 | 41 | 292 | 0 | 0 | 31 | 28 | 3 |
| 3291 pesticides | 12 | 5 | 6 | ----- | ----- | 1 | 0 | 1 |
| 3292 starches, gluten, glue | 46 | 30 | 16 | ----- | ----- | 0 | 0 | 0 |
| 3293 explosives | 4 | 3 | 0 | ----- | ----- | 1 | 0 | 1 |
| 3297 chemical additives | 292 | 0 | 18 | ----- | ----- | 273 | 210 | 64 |
| 3298 wood & resin chem. | 1 | 0 | 1 | ----- | ----- | 0 | 0 | 0 |
| 3299 chem. products nec | 45 | 15 | 20 | 0 | ----- | 9 | 4 | 5 |
| Total crude materials, inedible except fuels | 3,942 | 1,047 | 2,494 | 111 | 58 | 232 | 14 | 218 |
| Subtotal forest products, wood and chips | 551 | 117 | 418 | 1 | 0 | 15 | 5 | 10 |
| 4110 rubber & gums | 10 | 10 | 0 | ----- | ----- | ----- | ----- | ----- |
| 4150 fuel wood | 13 | 0 | 13 | ----- | ----- | 0 | ----- | 0 |
| 4161 wood chips | 224 | 0 | 219 | ----- | ----- | 4 | ----- | 4 |
| 4170 wood in the rough | 117 | 36 | 81 | 1 | 0 | 0 | ----- | 0 |
| 4189 lumber | 175 | 64 | 101 | 1 | ----- | 9 | 5 | 4 |
| 4190 forest products nec | 13 | 7 | 4 | ----- | ----- | 1 | 0 | 1 |
| Subtotal pulp and waste paper | 699 | 1 | 692 | 0 | ----- | 5 | 5 | 0 |
| 4225 pulp & waste paper | 699 | 1 | 692 | 0 | ----- | 5 | 5 | 0 |
| Subtotal soil, sand, gravel, rock and stone | 810 | 777 | 7 | 16 | 7 | 2 | 0 | 1 |
| 4310 building stone | 2 | 0 | 2 | 0 | 0 | 0 | ----- | 0 |
| 4322 limestone | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 4323 gypsum | 788 | 777 | 4 | ----- | 7 | 0 | ----- | 0 |
| 4327 phosphate rock | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |

SAN FRANCISCO BAY ENTRANCE, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | | Domestic | |
|--|----------------|--------------|------------|--------------|--------------|--------------|--------------|
| | | Through | | Through | | Total | Coastwise |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| 4331 sand & gravel | 19 | 0 | 2 | 16 | ----- | 0 | 0 |
| 4338 soil & fill dirt | 1 | ----- | ----- | ----- | ----- | 1 | 1 |
| Subtotal iron ore and scrap | 1,053 | 0 | 958 | 93 | ----- | 1 | 0 |
| 4410 iron ore | 93 | ----- | ----- | 93 | ----- | ----- | ----- |
| 4420 iron & steel scrap | 960 | 0 | 958 | ----- | ----- | 1 | 0 |
| Subtotal marine shells | 0 | 0 | 0 | ----- | ----- | 0 | 0 |
| 4515 marine shells | 0 | 0 | 0 | ----- | ----- | 0 | 0 |
| Subtotal non-ferrous ores and scrap | 220 | 121 | 95 | 0 | ----- | 3 | 3 |
| 4630 copper ore | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 4650 aluminum ore | 80 | 80 | 1 | ----- | ----- | ----- | ----- |
| 4680 non-ferrous scrap | 111 | 14 | 94 | ----- | ----- | 3 | 3 |
| 4690 non-ferrous ores nec | 28 | 28 | 0 | 0 | ----- | ----- | ----- |
| Subtotal sulphur, clay and salt | 249 | 29 | 216 | 0 | ----- | 3 | 1 |
| 4741 sulphur, (dry) | 163 | 16 | 147 | ----- | ----- | ----- | ----- |
| 4782 clay & refrac. mat. | 86 | 14 | 69 | 0 | ----- | 3 | 1 |
| Subtotal slag | 1 | 0 | 1 | ----- | ----- | ----- | ----- |
| 4860 slag | 1 | 0 | 1 | ----- | ----- | ----- | ----- |
| Subtotal other non-metal. min. | 360 | 1 | 106 | ----- | 51 | 203 | 203 |
| 4900 non-metal. min. nec | 360 | 1 | 106 | ----- | 51 | 203 | 203 |
| Total primary manufactured goods | 2,227 | 1,645 | 426 | 42 | 0 | 115 | 90 |
| Subtotal paper products | 227 | 83 | 77 | 42 | 0 | 25 | 22 |
| 5110 newsprint | 63 | 18 | 3 | 41 | ----- | 1 | 0 |
| 5120 paper & paperboard | 101 | 37 | 61 | 0 | ----- | 3 | 2 |
| 5190 paper products nec | 63 | 28 | 12 | 0 | 0 | 22 | 21 |
| Subtotal lime, cement and glass | 233 | 149 | 62 | 0 | 0 | 21 | 19 |
| 5220 cement & concrete | 4 | 1 | 1 | ----- | ----- | 2 | 2 |
| 5240 glass & glass prod. | 64 | 38 | 25 | 0 | 0 | 2 | 1 |
| 5290 misc. mineral prod. | 165 | 111 | 37 | 0 | 0 | 18 | 16 |
| Subtotal primary iron and steel products | 1,415 | 1,214 | 190 | 0 | 0 | 12 | 11 |
| 5312 pig iron | 14 | 12 | 1 | ----- | ----- | 0 | 0 |
| 5315 ferro alloys | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| 5320 i&s primary forms | 7 | 6 | 1 | ----- | ----- | 0 | 0 |
| 5330 i&s plates & sheets | 1,124 | 1,099 | 23 | ----- | 0 | 2 | 2 |
| 5360 i&s bars & shapes | 42 | 32 | 2 | ----- | ----- | 7 | 7 |
| 5370 i&s pipe & tube | 222 | 58 | 162 | 0 | ----- | 2 | 2 |
| 5390 primary i&s nec | 7 | 7 | 1 | 0 | ----- | 0 | 0 |
| Subtotal primary non-ferrous metal products | 311 | 187 | 71 | 0 | 0 | 53 | 37 |
| 5421 copper | 18 | 5 | 11 | ----- | 0 | 2 | 0 |
| 5422 aluminum | 22 | 12 | 8 | ----- | ----- | 1 | 0 |
| 5429 smelted prod. nec | 38 | 18 | 20 | ----- | ----- | 0 | 0 |

SAN FRANCISCO BAY ENTRANCE, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | | Domestic | | |
|---|----------------|--------------|--------------|--------------|--------------|--------------|----------------------------|------------|
| | | Through | | Through | | Total | Coastwise | |
| | | Upbound | Downbnd | Upbound | Downbnd | | Through Upbound Downbnd | |
| 5480 fab. metal products | 233 | 153 | 31 | 0 | 0 | 49 | 13 | 36 |
| Subtotal primary wood products | 40 | 11 | 26 | 0 | ----- | 3 | 2 | 1 |
| 5540 primary wood prod. | 40 | 11 | 26 | 0 | ----- | 3 | 2 | 1 |
| Total food and farm products | 6,816 | 1,146 | 4,160 | 178 | 6 | 1,326 | 775 | 551 |
| Subtotal fish | 38 | 13 | 23 | 0 | 0 | 1 | 0 | 1 |
| 6134 fish (not shellfish) | 20 | 7 | 12 | 0 | 0 | 1 | 0 | 1 |
| 6136 shellfish | 17 | 6 | 11 | 0 | 0 | 0 | ----- | 0 |
| Subtotal grain | 1,392 | 46 | 1,117 | 170 | ----- | 59 | 0 | 59 |
| 6241 wheat | 371 | 0 | 371 | ----- | ----- | 0 | ----- | 0 |
| 6344 corn | 33 | 1 | 31 | 0 | ----- | 1 | ----- | 1 |
| 6442 rice | 812 | 45 | 708 | ----- | ----- | 59 | 0 | 59 |
| 6443 barley & rye | 173 | ----- | 3 | 170 | ----- | ----- | ----- | ----- |
| 6445 oats | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6447 sorghum grains | 3 | ----- | 3 | ----- | ----- | ----- | ----- | ----- |
| Subtotal oilseeds | 62 | 3 | 59 | ----- | 0 | 0 | ----- | 0 |
| 6521 peanuts | 1 | ----- | 1 | ----- | 0 | ----- | ----- | ----- |
| 6522 soybeans | 8 | 0 | 8 | ----- | ----- | 0 | ----- | 0 |
| 6590 oilseeds nec | 53 | 3 | 50 | ----- | 0 | 0 | ----- | 0 |
| Subtotal vegetable products | 840 | 231 | 548 | 3 | 0 | 58 | 3 | 55 |
| 6653 vegetable oils | 263 | 155 | 105 | 2 | ----- | 0 | ----- | 0 |
| 6654 vegetables & prod. | 577 | 76 | 443 | 1 | 0 | 58 | 3 | 54 |
| Subtotal processed grain and animal feed | 494 | 51 | 379 | 4 | 0 | 59 | 4 | 55 |
| 6746 wheat flour | 18 | 0 | 4 | ----- | ----- | 14 | 0 | 14 |
| 6747 grain mill products | 98 | 24 | 72 | 0 | 0 | 2 | 0 | 2 |
| 6781 hay & fodder | 188 | 0 | 185 | ----- | ----- | 3 | 0 | 3 |
| 6782 animal feed, prep. | 190 | 27 | 118 | 4 | ----- | 40 | 4 | 36 |
| Subtotal other agricultural products | 3,990 | 801 | 2,034 | 1 | 5 | 1,149 | 767 | 382 |
| 6811 meat, fresh, frozen | 606 | 107 | 436 | 0 | 0 | 63 | 5 | 58 |
| 6817 meat, prepared | 22 | 6 | 14 | ----- | ----- | 1 | ----- | 1 |
| 6822 dairy products | 59 | 5 | 37 | 0 | 0 | 17 | 0 | 17 |
| 6835 fish, prepared | 14 | 7 | 7 | 0 | 0 | 0 | ----- | 0 |
| 6838 tallow, animal oils | 34 | 0 | 34 | ----- | ----- | ----- | ----- | ----- |
| 6839 animals & prod. nec | 130 | 11 | 109 | ----- | ----- | 11 | 5 | 5 |
| 6856 bananas & plantains | 0 | 0 | 0 | ----- | ----- | 0 | ----- | 0 |
| 6857 fruit & nuts nec | 575 | 11 | 541 | 0 | ----- | 23 | 1 | 22 |
| 6858 fruit juices | 365 | 176 | 142 | 0 | 0 | 47 | 46 | 1 |
| 6861 sugar | 679 | 65 | 1 | ----- | ----- | 613 | 613 | ----- |
| 6865 molasses | 197 | 109 | 0 | ----- | ----- | 87 | 87 | ----- |
| 6871 coffee | 73 | 61 | 9 | 0 | ----- | 3 | 1 | 2 |
| 6872 cocoa beans | 21 | 21 | 0 | ----- | 0 | 0 | 0 | ----- |
| 6885 alcoholic beverages | 344 | 143 | 129 | 0 | 5 | 67 | 1 | 67 |
| 6887 groceries | 73 | ----- | ----- | ----- | ----- | 73 | 0 | 73 |
| 6888 water & ice | 21 | 17 | 5 | ----- | ----- | ----- | ----- | ----- |

SAN FRANCISCO BAY ENTRANCE, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | | Domestic | | |
|---|----------------|--------------|------------|----------|----------|------------|------------|------------|
| | | Through | | Through | | Total | Coastwise | |
| | | Upbound | Downbnd | Upbound | Downbnd | | Through | |
| | | | | | | | Upbound | Downbnd |
| 6889 food products nec | 369 | 57 | 172 | 0 | 0 | 139 | 6 | 134 |
| 6891 tobacco & products | 35 | 2 | 33 | | | 1 | 0 | 0 |
| 6893 cotton | 350 | 0 | 350 | | | 1 | 1 | 0 |
| 6894 natural fibers nec | 0 | 0 | 0 | | | | | |
| 6899 farm products nec | 23 | 4 | 16 | 0 | | 3 | 1 | 1 |
| Total all manufactured equipment, machinery and products | 4,080 | 3,004 | 579 | 1 | 0 | 495 | 120 | 375 |
| 7110 machinery (not elec) | 863 | 738 | 90 | 1 | 0 | 34 | 13 | 21 |
| 7120 electrical machinery | 457 | 347 | 105 | 0 | 0 | 5 | 1 | 4 |
| 7210 vehicles & parts | 1,413 | 1,125 | 171 | 0 | 0 | 117 | 24 | 93 |
| 7220 aircraft & parts | 1 | 0 | 1 | | | 0 | 0 | 0 |
| 7230 ships & boats | 2 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| 7300 ordnance & access. | 10 | 3 | 4 | | | 3 | 2 | 1 |
| 7400 manufac. wood prod. | 72 | 27 | 26 | 0 | 0 | 20 | 14 | 6 |
| 7500 textile products | 244 | 195 | 47 | 0 | 0 | 2 | 0 | 2 |
| 7600 rubber & plastic pr. | 174 | 117 | 52 | 0 | 0 | 5 | 0 | 5 |
| 7900 manufac. prod. nec | 844 | 451 | 83 | 0 | 0 | 309 | 66 | 243 |
| Total unknown or not elsewhere classified | 78 | 17 | 21 | 5 | 1 | 34 | 6 | 28 |
| 9900 unknown or nec | 78 | 17 | 21 | 5 | 1 | 34 | 6 | 28 |

SAN FRANCISCO HARBOR, CA

Section Included: From Fort Point to San Francisco Airport on the west side of the San Francisco Bay. Controlling Depth: Main ship channel, 55.0 feet; Presidio Shoal, 34.1 feet; Black Point Shoal, 35.5 feet; Rincon Reef Rock (inner), 41 feet; Rincon Reef (outer), 42.5 feet; Blossom Rock, 40 feet; Alcatraz Shoal, 34.5 feet; Arch Rock, 36.2 feet; Harding Rocks, 36.7 feet; Shag Rocks 1 and 2, 36.9 feet; Point Knox Shoal, 38.2 feet; Islais Creek Shoal, 38.2 feet; channel and basin at San Francisco Airport, 6.8 feet in the maintained 200-foot wide southerly portion; 8 feet in the maintained portion of turning basin, 8.6 feet to seaplane ramp. Project Depth: 55 feet in entrance channel across the bar; 40 feet across Presidio Shoal, Black Point Shoal, Blossom Rock, Rincon Reef Rock, and a portion of Alcatraz Shoal; 37 feet across Arch, Shag, and Harding Rocks; 35 feet across Raccoon Shoal, and the western part of Point Knox Shoal; 35 feet across Islais Creek Shoal; 10 feet to the San Francisco Airport.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 3,762 | 1990 | 2,297 |
| 1986 | 2,774 | 1991 | 2,898 |
| 1987 | 2,823 | 1992 | 3,198 |
| 1988 | 2,275 | 1993 | 2,340 |
| 1989 | 3,359 | 1994 | 1,739 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | | Domestic | | |
|---|--------------|------------|------------|-----------|----------|------------|------------|------------|
| | | Imports | Exports | Imports | Exports | Total | Internal | |
| | | | | | | | Receipts | Shipments |
| Total, all commodities | 1,739 | 478 | 668 | 84 | 1 | 508 | 402 | 106 |
| Total coal | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 1200 coal coke | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| Total petroleum and petroleum products | 635 | 185 | 232 | ----- | ----- | 219 | 113 | 106 |
| Subtotal crude petroleum | 226 | 94 | ----- | ----- | ----- | 132 | 27 | 104 |
| 2100 crude petroleum | 226 | 94 | ----- | ----- | ----- | 132 | 27 | 104 |
| Subtotal petroleum products | 409 | 90 | 232 | ----- | ----- | 87 | 85 | 2 |
| 2330 distillate fuel oil | 66 | ----- | 66 | ----- | ----- | ----- | ----- | ----- |
| 2340 residual fuel oil | 154 | 37 | 29 | ----- | ----- | 87 | 85 | 2 |
| 2350 lube oil & greases | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 2410 petro. jelly & waxes | 1 | ----- | 1 | ----- | ----- | ----- | ----- | ----- |
| 2429 naphtha & solvents | 140 | 37 | 103 | ----- | ----- | ----- | ----- | ----- |
| 2430 asphalt, tar & pitch | 16 | 16 | ----- | ----- | ----- | ----- | ----- | ----- |
| 2540 petroleum coke | 32 | ----- | 32 | ----- | ----- | ----- | ----- | ----- |
| Total chemicals and related products | 70 | 5 | 23 | 42 | ----- | ----- | ----- | ----- |
| Subtotal fertilizers | 1 | 0 | 1 | ----- | ----- | ----- | ----- | ----- |
| 3110 nitrogenous fert. | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3130 potassic fert. | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |

SAN FRANCISCO HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | | Domestic | |
|--|----------------|-----------|------------|-----------|---------|------------|--------------------------------|
| | | Imports | Exports | Imports | Exports | Total | Internal Receipts Shipments |
| 3190 fert. & mixes nec | 1 | 0 | 1 | ----- | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 69 | 5 | 22 | 42 | ----- | ----- | ----- |
| 3219 other hydrocarbons | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3220 alcohols | 1 | 1 | 0 | ----- | ----- | ----- | ----- |
| 3230 carboxylic acids | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| 3240 nitrogen func. comp. | 1 | 0 | 1 | ----- | ----- | ----- | ----- |
| 3250 organo- inorgan. comp | 1 | 0 | 1 | ----- | ----- | ----- | ----- |
| 3260 organic comp. nec | 42 | 0 | 0 | 42 | ----- | ----- | ----- |
| 3271 sulphur (liquid) | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 3272 sulphuric acid | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3273 ammonia | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3274 sodium hydroxide | 1 | ----- | 1 | ----- | ----- | ----- | ----- |
| 3275 inorg. elem.,oxides, & halogen salts | 1 | 0 | 0 | ----- | ----- | ----- | ----- |
| 3276 metallic salts | 11 | 0 | 10 | ----- | ----- | ----- | ----- |
| 3279 inorganic chem. nec | 2 | 0 | 1 | ----- | ----- | ----- | ----- |
| 3282 pigments & paints | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| 3283 coloring mat. nec | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| 3284 medicines | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| 3285 perfumes & cleansers | 3 | 0 | 3 | ----- | ----- | ----- | ----- |
| 3286 plastics | 3 | 1 | 2 | ----- | ----- | ----- | ----- |
| 3291 pesticides | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| 3292 starches, gluten, glue | 1 | 0 | 0 | ----- | ----- | ----- | ----- |
| 3293 explosives | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3297 chemical additives | 1 | ----- | 1 | ----- | ----- | ----- | ----- |
| 3298 wood & resin chem. | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3299 chem. products nec | 1 | 0 | 0 | ----- | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 469 | 43 | 145 | ----- | ----- | 281 | 281 |
| Subtotal forest products, wood and chips | 34 | 26 | 7 | ----- | ----- | ----- | ----- |
| 4110 rubber & gums | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 4150 fuel wood | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| 4170 wood in the rough | 12 | 12 | 0 | ----- | ----- | ----- | ----- |
| 4189 lumber | 20 | 13 | 6 | ----- | ----- | ----- | ----- |
| 4190 forest products nec | 2 | 1 | 0 | ----- | ----- | ----- | ----- |
| Subtotal pulp and waste paper | 82 | ----- | 82 | ----- | ----- | ----- | ----- |
| 4225 pulp & waste paper | 82 | ----- | 82 | ----- | ----- | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 281 | 0 | 1 | ----- | ----- | 281 | 281 |
| 4310 building stone | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 4322 limestone | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 4323 gypsum | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 4331 sand & gravel | 281 | 0 | 1 | ----- | ----- | 281 | 281 |
| Subtotal iron ore and scrap | 33 | 0 | 33 | ----- | ----- | ----- | ----- |
| 4420 iron & steel scrap | 33 | 0 | 33 | ----- | ----- | ----- | ----- |

SAN FRANCISCO HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | | Domestic | |
|--|----------------|------------|------------|-----------|----------|----------|-----------|
| | | Imports | Exports | Imports | Exports | Total | Internal |
| | | | | | | Receipts | Shipments |
| Subtotal marine shells | 0 | 0 | | | | | |
| 4515 marine shells | 0 | 0 | | | | | |
| Subtotal non-ferrous ores and scrap | 11 | 1 | 10 | | | | |
| 4680 non-ferrous scrap | 10 | 0 | 10 | | | | |
| 4690 non-ferrous ores nec | 1 | 1 | 0 | | | | |
| Subtotal sulphur, clay and salt | 17 | 16 | 1 | | | | |
| 4741 sulphur, (dry) | 16 | 16 | | | | | |
| 4782 clay & refrac. mat. | 1 | 0 | 1 | | | | |
| Subtotal other non-metal. min. | 11 | 0 | 11 | | | | |
| 4900 non-metal. min. nec | 11 | 0 | 11 | | | | |
| Total primary manufactured goods | 101 | 40 | 12 | 41 | | 8 | 8 |
| Subtotal paper products | 46 | 1 | 4 | 41 | | | |
| 5110 newsprint | 41 | | | 41 | | | |
| 5120 paper & paperboard | 4 | 0 | 4 | | | | |
| 5190 paper products nec | 1 | 0 | 0 | | | | |
| Subtotal lime, cement and glass | 19 | 7 | 4 | | | 8 | 8 |
| 5240 glass & glass prod. | 1 | 1 | 0 | | | | |
| 5290 misc. mineral prod. | 18 | 6 | 4 | | | 8 | 8 |
| Subtotal primary iron and steel products | 20 | 19 | 1 | 0 | | | |
| 5312 pig iron | 12 | 12 | | | | | |
| 5315 ferro alloys | 0 | 0 | | | | | |
| 5320 i&s primary forms | 0 | | 0 | | | | |
| 5330 i&s plates & sheets | 3 | 2 | 1 | | | | |
| 5360 i&s bars & shapes | 2 | 2 | | | | | |
| 5370 i&s pipe & tube | 2 | 2 | 0 | | | | |
| 5390 primary i&s nec | 1 | 1 | 0 | 0 | | | |
| Subtotal primary non-ferrous metal products | 14 | 12 | 2 | | | | |
| 5421 copper | 1 | 0 | 1 | | | | |
| 5422 aluminum | 0 | 0 | 0 | | | | |
| 5429 smelted prod. nec | 1 | 1 | 0 | | | | |
| 5480 fab. metal products | 13 | 11 | 1 | | | | |
| Subtotal primary wood products | 3 | 2 | 0 | | | | |
| 5540 primary wood prod. | 3 | 2 | 0 | | | | |
| Total food and farm products | 379 | 139 | 239 | 0 | 1 | | |
| Subtotal fish | 3 | 1 | 1 | | | | |
| 6134 fish (not shellfish) | 2 | 1 | 1 | | | | |
| 6136 shellfish | 1 | 0 | 1 | | | | |
| Subtotal grain | 30 | 26 | 3 | 0 | | | |
| 6344 corn | 2 | 0 | 2 | 0 | | | |

SAN FRANCISCO HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | | Domestic | |
|---|----------------|-----------|------------|----------|----------|----------|-----------|
| | | Imports | Exports | Imports | Exports | Total | Internal |
| | | | | | | Receipts | Shipments |
| 6442 rice | 28 | 26 | 1 | | | | |
| Subtotal oilseeds | 1 | 1 | 1 | | 0 | | |
| 6521 peanuts | 0 | | 0 | | 0 | | |
| 6522 soybeans | 0 | 0 | | | | | |
| 6590 oilseeds nec | 1 | 1 | 1 | | | | |
| Subtotal vegetable products | 56 | 20 | 36 | 0 | 0 | | |
| 6653 vegetable oils | 5 | 0 | 4 | | | | |
| 6654 vegetables & prod. | 52 | 20 | 32 | 0 | 0 | | |
| Subtotal processed grain and animal feed | 73 | 24 | 49 | | 0 | | |
| 6746 wheat flour | 1 | 0 | 1 | | | | |
| 6747 grain mill products | 9 | 6 | 2 | | 0 | | |
| 6781 hay & fodder | 26 | | 26 | | | | |
| 6782 animal feed, prep. | 38 | 18 | 20 | | | | |
| Subtotal other agricultural products | 215 | 66 | 149 | 0 | 0 | | |
| 6811 meat, fresh, frozen | 31 | 1 | 31 | | | | |
| 6817 meat, prepared | 3 | 2 | 1 | | | | |
| 6822 dairy products | 3 | | 3 | | | | |
| 6835 fish, prepared | 3 | 2 | 2 | | | | |
| 6838 tallow, animal oils | 22 | | 22 | | | | |
| 6839 animals & prod. nec | 3 | 1 | 2 | | | | |
| 6856 bananas & plantains | 0 | 0 | | | | | |
| 6857 fruit & nuts nec | 17 | 5 | 12 | 0 | | | |
| 6858 fruit juices | 20 | 9 | 11 | | 0 | | |
| 6861 sugar | 0 | 0 | 0 | | | | |
| 6871 coffee | 34 | 31 | 3 | | | | |
| 6872 cocoa beans | 4 | 4 | | | | | |
| 6885 alcoholic beverages | 6 | 3 | 3 | 0 | 0 | | |
| 6888 water & ice | 0 | | 0 | | | | |
| 6889 food products nec | 27 | 9 | 18 | 0 | | | |
| 6891 tobacco & products | 0 | 0 | 0 | | | | |
| 6893 cotton | 42 | | 42 | | | | |
| 6894 natural fibers nec | 0 | 0 | | | | | |
| 6899 farm products nec | 1 | 0 | 1 | 0 | | | |
| Total all manufactured equipment, machinery and products | 82 | 64 | 17 | 1 | 0 | | |
| 7110 machinery (not elec) | 9 | 4 | 4 | 1 | | | |
| 7120 electrical machinery | 12 | 9 | 3 | | | | |
| 7210 vehicles & parts | 20 | 18 | 2 | | | | |
| 7220 aircraft & parts | 0 | 0 | 0 | | | | |
| 7230 ships & boats | 0 | 0 | 0 | | 0 | | |
| 7300 ordnance & access. | 0 | 0 | 0 | | | | |
| 7400 manufac. wood prod. | 3 | 1 | 1 | | | | |
| 7500 textile products | 9 | 6 | 3 | | | | |
| 7600 rubber & plastic pr. | 6 | 5 | 1 | | 0 | | |
| 7900 manufac. prod. nec | 24 | 21 | 4 | | | | |

SAN FRANCISCO HARBOR, CA
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | | Domestic | | |
|--|-------------|----------|----------|----------|---------|----------|----------|-----------|
| | | Imports | Exports | Imports | Exports | Total | Internal | |
| | | | | | | | Receipts | Shipments |
| Total unknown or not elsewhere classified | 4 | 2 | 2 | 0 | ----- | ----- | ----- | ----- |
| 9900 unknown or nec | 4 | 2 | 2 | 0 | ----- | ----- | ----- | ----- |

REDWOOD CITY HARBOR, CA

Section Included: San Bruno Shoal channel 500 feet wide and about 4 miles long across; Redwood City Harbor channel, a channel from deep water in San Francisco Bay to Steinberger Slough. Controlling Depth: 30.8 feet in San Bruno Shoal channel; 29.8 feet in San Francisco Bay to Beacon No.8; 29.7 feet to Beacon No.15 and beginning of (outer) Turning Basin No.1; 29.5 feet in Turning Basin No.1; 29.5 feet in Turning Basin No.1; 28.5 feet to (upper) Turning Basin No.2; 29.1 in turning basin. Project Depth: 30 feet in San Bruno Shoal Channel; 30 feet to the head of the turning basin in Redwood Creek; 5 feet to Steinberger Slough, and 4 feet in Steinberger Slough.

Comparative Statement of Traffic
 (thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 901 | 1990 | 499 |
| 1986 | 521 | 1991 | 507 |
| 1987 | 664 | 1992 | 816 |
| 1988 | 747 | 1993 | 1,829 |
| 1989 | 945 | 1994 | 846 |

Freight Traffic, 1994
 (thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | | Internal Receipts |
|---|----------------|---------|---------|----------|----------|-----------|-----------|----------------------|
| | | Imports | Exports | Exports | Total | Coastwise | Shipments | |
| | | | | | Receipts | | | |
| Total, all commodities | 846 | 300 | 224 | 52 | 270 | 3 | 209 | 59 |
| Total petroleum and petroleum products | 1 | ----- | ----- | ----- | 1 | ----- | ----- | 1 |
| Subtotal petroleum products | 1 | ----- | ----- | ----- | 1 | ----- | ----- | 1 |
| 2340 residual fuel oil | 1 | ----- | ----- | ----- | 1 | ----- | ----- | 1 |
| Total chemicals and related products | 14 | ----- | ----- | 1 | 13 | 3 | 11 | ----- |
| Subtotal other chemicals and related products | 14 | ----- | ----- | 1 | 13 | 3 | 11 | ----- |
| 3276 metallic salts | 6 | ----- | ----- | 1 | 5 | ----- | 5 | ----- |
| 3297 chemical additives | 5 | ----- | ----- | ----- | 5 | ----- | 5 | ----- |
| 3299 chem. products nec | 3 | ----- | ----- | ----- | 3 | 3 | ----- | ----- |

REDWOOD CITY HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | |
|---|----------------|------------|------------|-----------|------------|------------|-----------|
| | | Imports | Exports | Exports | Total | Coastwise | Internal |
| | | | | | Receipts | Shipments | Receipts |
| Total crude materials, inedible except fuels | 831 | 300 | 224 | 51 | 256 | 198 | 58 |
| Subtotal soil, sand, gravel, rock and stone | 358 | 300 | ----- | ----- | 58 | ----- | 58 |
| 4323 gypsum | 300 | 300 | ----- | ----- | ----- | ----- | ----- |
| 4331 sand & gravel | 58 | ----- | ----- | ----- | 58 | ----- | 58 |
| Subtotal iron ore and scrap | 224 | ----- | 224 | ----- | ----- | ----- | ----- |
| 4420 iron & steel scrap | 224 | ----- | 224 | ----- | ----- | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 3 | ----- | ----- | ----- | 3 | 3 | ----- |
| 4680 non-ferrous scrap | 3 | ----- | ----- | ----- | 3 | 3 | ----- |
| Subtotal other non-metal. min. | 246 | ----- | ----- | 51 | 195 | 195 | ----- |
| 4900 non-metal. min. nec | 246 | ----- | ----- | 51 | 195 | 195 | ----- |
| Total primary manufactured goods | 0 | ----- | ----- | ----- | 0 | ----- | 0 |
| Subtotal lime, cement and glass | 0 | ----- | ----- | ----- | 0 | ----- | 0 |
| 5290 misc. mineral prod. | 0 | ----- | ----- | ----- | 0 | ----- | 0 |

OAKLAND HARBOR, CA

Section Included: Outer and inner harbor from deep water in San Francisco Bay to San Leandro Bay, a distance of 8.5 miles. Controlling Depth: 37.1 feet in the entrance channel of the outer harbor to Bart Tube; 34.5 to Albers Mill; 34.7 to Shed 5; 34.8 feet in the entrance channel to the inner harbor; 34.4 feet in inner harbor to foot of Ferro Street; 34.2 feet to Posey Tube; 34.0 feet at Posey; Tube; 34.5 feet to Fortmann Basin; 24.0 feet to Park Street Bridge; 15.3 feet in tidal canal to Fruitvale Avenue Bridge; 14.4 feet in tidal canal to San Leandro Bay; 7 feet in north channel of Brooklyn Basin. Project Depth: 35 feet in the entrance channel to the outer harbor; 35 feet in the outer harbor; 35 feet in the entrance channel to the inner harbor; 35 feet in the inner harbor to the Park Street bridge; 25 feet in the tidal canal to San Leandro Bay; 35 feet for a distance of 1,300 feet thence 25 feet in north channel of Brooklyn Basin (maintained 18 feet).

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|--------|------|--------|
| 1985 | 7,953 | 1990 | 10,290 |
| 1986 | 8,248 | 1991 | 10,356 |
| 1987 | 9,212 | 1992 | 13,211 |
| 1988 | 10,141 | 1993 | 12,734 |
| 1989 | 10,000 | 1994 | 12,914 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|---------------|--------------|--------------|------------|----------|
| | | Imports | Exports | Imports | Exports |
| Total, all commodities | 10,427 | 4,816 | 5,496 | 108 | 7 |
| Total coal | 8 | 0 | 8 | 0 | ----- |
| 1100 coal lignite | 8 | ----- | 8 | 0 | ----- |
| 1200 coal coke | 0 | 0 | 0 | ----- | ----- |
| Total petroleum and petroleum products | 470 | 437 | 28 | 5 | ----- |
| Subtotal crude petroleum | 392 | 392 | ----- | 0 | ----- |
| 2100 crude petroleum | 392 | 392 | ----- | 0 | ----- |
| Subtotal petroleum products | 78 | 45 | 28 | 5 | ----- |
| 2211 gasoline | 19 | 18 | 0 | ----- | ----- |
| 2330 distillate fuel oil | 6 | ----- | 1 | 5 | ----- |
| 2340 residual fuel oil | 2 | ----- | 2 | ----- | ----- |
| 2350 lube oil & greases | 11 | 0 | 10 | ----- | ----- |
| 2410 petro. jelly & waxes | 7 | 0 | 7 | ----- | ----- |
| 2429 naphtha & solvents | 27 | 26 | 1 | ----- | ----- |
| 2430 asphalt, tar & pitch | 2 | 0 | 2 | ----- | ----- |
| 2540 petroleum coke | 3 | 0 | 3 | ----- | ----- |
| 2640 liquid natural gas | 2 | ----- | 2 | ----- | ----- |
| Total chemicals and related products | 894 | 288 | 606 | 1 | 0 |
| Subtotal fertilizers | 154 | 138 | 16 | ----- | ----- |
| 3110 nitrogenous fert. | 17 | 17 | 0 | ----- | ----- |
| 3120 phosphatic fert. | 0 | ----- | 0 | ----- | ----- |
| 3130 potassic fert. | 1 | 0 | 1 | ----- | ----- |
| 3190 fert. & mixes nec | 135 | 121 | 14 | ----- | ----- |
| Subtotal other chemicals and related products | 741 | 150 | 590 | 1 | 0 |
| 3211 acyclic hydrocarbons | 2 | 0 | 2 | ----- | ----- |
| 3212 benzene & toluene | 0 | ----- | 0 | ----- | ----- |

OAKLAND HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | | Total | Foreign | | Canadian | |
|---|--------------------------------------|--------------|-----------|--------------|-----------|----------|
| | | | Imports | Exports | Imports | Exports |
| 3219 | other hydrocarbons | 21 | 4 | 17 | ----- | ----- |
| 3220 | alcohols | 35 | 6 | 29 | ----- | ----- |
| 3230 | carboxylic acids | 18 | 5 | 13 | 0 | ----- |
| 3240 | nitrogen func. comp. | 27 | 2 | 25 | ----- | ----- |
| 3250 | organo- inorgan. comp | 15 | 4 | 11 | ----- | ----- |
| 3260 | organic comp. nec | 13 | 1 | 11 | ----- | ----- |
| 3272 | sulphuric acid | 4 | ----- | 4 | ----- | ----- |
| 3273 | ammonia | 18 | 14 | 4 | ----- | ----- |
| 3274 | sodium hydroxide | 8 | 0 | 8 | ----- | ----- |
| 3275 | inorg. elem.,oxides, & halogen salts | 29 | 10 | 19 | 0 | ----- |
| 3276 | metallic salts | 20 | 7 | 12 | 0 | ----- |
| 3279 | inorganic chem. nec | 2 | 1 | 1 | ----- | ----- |
| 3281 | radioactive material | 2 | 0 | 2 | ----- | ----- |
| 3282 | pigments & paints | 52 | 2 | 50 | ----- | ----- |
| 3283 | coloring mat. nec | 3 | 1 | 2 | ----- | 0 |
| 3284 | medicines | 5 | 2 | 3 | ----- | 0 |
| 3285 | perfumes & cleansers | 33 | 3 | 30 | ----- | ----- |
| 3286 | plastics | 329 | 40 | 289 | 0 | 0 |
| 3291 | pesticides | 11 | 5 | 6 | ----- | ----- |
| 3292 | starches, gluten, glue | 45 | 29 | 16 | ----- | ----- |
| 3293 | explosives | 3 | 3 | 0 | ----- | ----- |
| 3297 | chemical additives | 14 | 0 | 13 | ----- | ----- |
| 3298 | wood & resin chem. | 1 | 0 | 1 | ----- | ----- |
| 3299 | chem. products nec | 32 | 11 | 20 | 0 | ----- |
| Total crude materials, inedible except fuels | | 1,541 | 70 | 1,376 | 95 | 0 |
| Subtotal forest products, wood and chips | | 203 | 62 | 139 | 1 | 0 |
| 4110 | rubber & gums | 10 | 10 | 0 | ----- | ----- |
| 4150 | fuel wood | 4 | 0 | 4 | ----- | ----- |
| 4161 | wood chips | 1 | 0 | 1 | ----- | ----- |
| 4170 | wood in the rough | 42 | 1 | 40 | 1 | 0 |
| 4189 | lumber | 138 | 45 | 92 | 1 | ----- |
| 4190 | forest products nec | 9 | 6 | 4 | ----- | ----- |
| Subtotal pulp and waste paper | | 598 | 1 | 597 | 0 | ----- |
| 4225 | pulp & waste paper | 598 | 1 | 597 | 0 | ----- |
| Subtotal soil, sand, gravel, rock and stone | | 7 | 1 | 7 | 0 | 0 |
| 4310 | building stone | 2 | 0 | 2 | 0 | 0 |
| 4322 | limestone | 0 | 0 | 0 | ----- | ----- |
| 4323 | gypsum | 4 | 0 | 4 | ----- | ----- |
| 4327 | phosphate rock | 0 | 0 | ----- | ----- | ----- |
| 4331 | sand & gravel | 2 | 0 | 2 | ----- | ----- |
| Subtotal iron ore and scrap | | 505 | 0 | 411 | 93 | ----- |
| 4410 | iron ore | 93 | ----- | ----- | 93 | ----- |
| 4420 | iron & steel scrap | 411 | 0 | 411 | ----- | ----- |
| Subtotal marine shells | | 0 | 0 | 0 | ----- | ----- |
| 4515 | marine shells | 0 | 0 | 0 | ----- | ----- |
| Subtotal non-ferrous ores and scrap | | 89 | 4 | 85 | 0 | ----- |
| 4630 | copper ore | 0 | ----- | 0 | ----- | ----- |
| 4650 | aluminum ore | 3 | 2 | 1 | ----- | ----- |

OAKLAND HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|--------------|------------|--------------|--------------|--------------|
| | | Imports | Exports | Imports | Exports |
| 4680 non-ferrous scrap | 85 | 1 | 84 | ----- | ----- |
| 4690 non-ferrous ores nec | 1 | 0 | 0 | 0 | ----- |
| Subtotal sulphur, clay and salt | 42 | 1 | 41 | 0 | ----- |
| 4741 sulphur, (dry) | 2 | ----- | 2 | ----- | ----- |
| 4782 clay & refrac. mat. | 40 | 1 | 39 | 0 | ----- |
| Subtotal slag | 1 | 0 | 1 | ----- | ----- |
| 4860 slag | 1 | 0 | 1 | ----- | ----- |
| Subtotal other non-metal. min. | 95 | 1 | 94 | ----- | 0 |
| 4900 non-metal. min. nec | 95 | 1 | 94 | ----- | 0 |
| Total primary manufactured goods | 882 | 636 | 245 | 0 | 0 |
| Subtotal paper products | 130 | 65 | 65 | 0 | 0 |
| 5110 newsprint | 4 | 0 | 3 | 0 | ----- |
| 5120 paper & paperboard | 87 | 37 | 50 | 0 | ----- |
| 5190 paper products nec | 40 | 28 | 12 | 0 | 0 |
| Subtotal lime, cement and glass | 200 | 142 | 58 | 0 | 0 |
| 5220 cement & concrete | 2 | 1 | 1 | ----- | ----- |
| 5240 glass & glass prod. | 61 | 36 | 24 | 0 | 0 |
| 5290 misc. mineral prod. | 138 | 105 | 33 | 0 | 0 |
| Subtotal primary iron and steel products | 274 | 245 | 29 | 0 | 0 |
| 5312 pig iron | 1 | 0 | 1 | ----- | ----- |
| 5315 ferro alloys | 0 | 0 | 0 | ----- | ----- |
| 5320 i&s primary forms | 6 | 6 | 1 | ----- | ----- |
| 5330 i&s plates & sheets | 175 | 154 | 22 | ----- | 0 |
| 5360 i&s bars & shapes | 32 | 30 | 2 | ----- | ----- |
| 5370 i&s pipe & tube | 52 | 50 | 2 | 0 | ----- |
| 5390 primary i&s nec | 6 | 6 | 1 | ----- | ----- |
| Subtotal primary non-ferrous metal products | 243 | 175 | 68 | 0 | 0 |
| 5421 copper | 15 | 4 | 11 | ----- | 0 |
| 5422 aluminum | 20 | 12 | 8 | ----- | ----- |
| 5429 smelted prod. nec | 37 | 17 | 20 | ----- | ----- |
| 5480 fab. metal products | 171 | 142 | 29 | 0 | 0 |
| Subtotal primary wood products | 34 | 8 | 25 | 0 | ----- |
| 5540 primary wood prod. | 34 | 8 | 25 | 0 | ----- |
| Total food and farm products | 3,441 | 672 | 2,762 | 2 | 5 |
| Subtotal fish | 34 | 12 | 21 | 0 | 0 |
| 6134 fish (not shellfish) | 18 | 6 | 11 | 0 | ----- |
| 6136 shellfish | 16 | 6 | 10 | 0 | 0 |
| Subtotal grain | 128 | 20 | 108 | ----- | ----- |
| 6241 wheat | 23 | 0 | 23 | ----- | ----- |
| 6344 corn | 29 | 1 | 29 | ----- | ----- |
| 6442 rice | 72 | 19 | 53 | ----- | ----- |
| 6443 barley & rye | 0 | ----- | 0 | ----- | ----- |
| 6445 oats | 0 | 0 | ----- | ----- | ----- |
| 6447 sorghum grains | 3 | ----- | 3 | ----- | ----- |
| Subtotal oilseeds | 14 | 3 | 11 | ----- | 0 |
| 6521 peanuts | 0 | ----- | 0 | ----- | ----- |

OAKLAND HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|---|--------------|--------------|--------------|----------|----------|
| | | Imports | Exports | Imports | Exports |
| 6522 soybeans | 8 | 0 | 8 | ----- | ----- |
| 6590 oilseeds nec | 5 | 3 | 2 | ----- | 0 |
| Subtotal vegetable products | 495 | 64 | 431 | 1 | ----- |
| 6653 vegetable oils | 29 | 7 | 22 | 0 | ----- |
| 6654 vegetables & prod. | 466 | 56 | 409 | 1 | ----- |
| Subtotal processed grain and animal feed | 349 | 21 | 327 | 0 | 0 |
| 6746 wheat flour | 4 | 0 | 3 | ----- | ----- |
| 6747 grain mill products | 86 | 17 | 69 | 0 | 0 |
| 6781 hay & fodder | 160 | 0 | 160 | ----- | ----- |
| 6782 animal feed, prep. | 99 | 4 | 95 | 0 | ----- |
| Subtotal other agricultural products | 2,422 | 552 | 1,864 | 1 | 5 |
| 6811 meat, fresh, frozen | 508 | 106 | 402 | 0 | 0 |
| 6817 meat, prepared | 18 | 4 | 14 | ----- | ----- |
| 6822 dairy products | 39 | 5 | 34 | 0 | 0 |
| 6835 fish, prepared | 11 | 6 | 5 | 0 | 0 |
| 6838 tallow, animal oils | 1 | 0 | 1 | ----- | ----- |
| 6839 animals & prod. nec | 117 | 10 | 107 | ----- | ----- |
| 6856 bananas & plantains | 0 | 0 | 0 | ----- | ----- |
| 6857 fruit & nuts nec | 533 | 6 | 526 | 0 | ----- |
| 6858 fruit juices | 296 | 167 | 129 | 0 | 0 |
| 6861 sugar | 1 | 1 | 1 | ----- | ----- |
| 6865 molasses | 3 | 2 | 0 | ----- | ----- |
| 6871 coffee | 35 | 30 | 5 | 0 | ----- |
| 6872 cocoa beans | 7 | 7 | 0 | ----- | 0 |
| 6885 alcoholic beverages | 269 | 140 | 125 | 0 | 5 |
| 6888 water & ice | 21 | 17 | 5 | ----- | ----- |
| 6889 food products nec | 203 | 48 | 154 | 0 | 0 |
| 6891 tobacco & products | 33 | 1 | 32 | ----- | ----- |
| 6893 cotton | 308 | 0 | 308 | ----- | ----- |
| 6894 natural fibers nec | 0 | 0 | 0 | ----- | ----- |
| 6899 farm products nec | 19 | 4 | 15 | 0 | ----- |
| Total all manufactured equipment, machinery and products | 3,153 | 2,699 | 452 | 1 | 0 |
| 7110 machinery (not elec) | 814 | 730 | 84 | 0 | 0 |
| 7120 electrical machinery | 439 | 337 | 102 | 0 | 0 |
| 7210 vehicles & parts | 944 | 872 | 71 | 0 | 0 |
| 7220 aircraft & parts | 1 | 0 | 1 | ----- | ----- |
| 7230 ships & boats | 1 | 1 | 0 | 0 | ----- |
| 7300 ordnance & access. | 4 | 3 | 1 | ----- | ----- |
| 7400 manufac. wood prod. | 50 | 25 | 24 | 0 | 0 |
| 7500 textile products | 227 | 189 | 38 | 0 | 0 |
| 7600 rubber & plastic pr. | 163 | 112 | 51 | 0 | 0 |
| 7900 manufac. prod. nec | 509 | 430 | 79 | 0 | 0 |
| Total unknown or not elsewhere classified | 40 | 15 | 19 | 5 | 1 |
| 9900 unknown or nec | 40 | 15 | 19 | 5 | 1 |

OAKLAND HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | |
|--|--------------|------------|--------------|------------|-----------|
| | | Coastwise | | Internal | |
| | | Receipts | Shipments | Receipts | Shipments |
| Total, all commodities | 2,487 | 334 | 1,138 | 924 | 91 |
| Total coal | 0 | ----- | 0 | ----- | ----- |
| 1200 coal coke | 0 | ----- | 0 | ----- | ----- |
| Total petroleum and petroleum products | 632 | 0 | 12 | 617 | 3 |
| Subtotal petroleum products | 632 | 0 | 12 | 617 | 3 |
| 2211 gasoline | 0 | ----- | 0 | ----- | ----- |
| 2330 distillate fuel oil | 5 | ----- | ----- | 5 | ----- |
| 2340 residual fuel oil | 618 | ----- | 2 | 613 | 3 |
| 2350 lube oil & greases | 3 | 0 | 3 | ----- | ----- |
| 2410 petro. jelly & waxes | 0 | ----- | 0 | ----- | ----- |
| 2540 petroleum coke | 0 | ----- | 0 | ----- | ----- |
| 2640 liquid natural gas | 0 | ----- | 0 | ----- | ----- |
| 2990 petro. products nec | 6 | 0 | 6 | ----- | ----- |
| Total chemicals and related products | 75 | 9 | 67 | ----- | ----- |
| Subtotal fertilizers | 18 | 2 | 16 | ----- | ----- |
| 3110 nitrogenous fert. | 0 | ----- | 0 | ----- | ----- |
| 3130 potassic fert. | 0 | ----- | 0 | ----- | ----- |
| 3190 fert. & mixes nec | 18 | 2 | 16 | ----- | ----- |
| Subtotal other chemicals and related products | 57 | 6 | 51 | ----- | ----- |
| 3211 acyclic hydrocarbons | 0 | 0 | ----- | ----- | ----- |
| 3219 other hydrocarbons | 1 | 0 | 0 | ----- | ----- |
| 3220 alcohols | 2 | 0 | 2 | ----- | ----- |
| 3230 carboxylic acids | 0 | 0 | 0 | ----- | ----- |
| 3240 nitrogen func. comp. | 0 | 0 | ----- | ----- | ----- |
| 3250 organo- inorgan. comp | 0 | ----- | 0 | ----- | ----- |
| 3274 sodium hydroxide | 0 | ----- | 0 | ----- | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 1 | 1 | 1 | ----- | ----- |
| 3276 metallic salts | 0 | ----- | 0 | ----- | ----- |
| 3279 inorganic chem. nec | 0 | 0 | ----- | ----- | ----- |
| 3281 radioactive material | 1 | 1 | ----- | ----- | ----- |
| 3282 pigments & paints | 7 | 0 | 7 | ----- | ----- |
| 3284 medicines | 1 | 0 | 1 | ----- | ----- |
| 3285 perfumes & cleansers | 29 | 0 | 29 | ----- | ----- |
| 3286 plastics | 5 | 2 | 3 | ----- | ----- |
| 3291 pesticides | 1 | 0 | 1 | ----- | ----- |
| 3292 starches, gluten, glue | 0 | 0 | 0 | ----- | ----- |
| 3293 explosives | 1 | 0 | 1 | ----- | ----- |
| 3297 chemical additives | 0 | ----- | 0 | ----- | ----- |
| 3298 wood & resin chem. | 0 | 0 | 0 | ----- | ----- |
| 3299 chem. products nec | 6 | 1 | 5 | ----- | ----- |
| Total crude materials, inedible except fuels | 336 | 14 | 15 | 306 | ----- |
| Subtotal forest products, wood and chips | 10 | 5 | 6 | ----- | ----- |
| 4150 fuel wood | 0 | ----- | 0 | ----- | ----- |
| 4161 wood chips | 0 | ----- | 0 | ----- | ----- |

OAKLAND HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | |
|--|------------|-----------|-----------|------------|-----------|
| | | Coastwise | | Internal | |
| | | Receipts | Shipments | Receipts | Shipments |
| 4170 wood in the rough | 0 | ----- | 0 | ----- | ----- |
| 4189 lumber | 9 | 5 | 4 | ----- | ----- |
| 4190 forest products nec | 1 | 0 | 1 | ----- | ----- |
| Subtotal pulp and waste paper | 5 | 5 | 0 | ----- | ----- |
| 4225 pulp & waste paper | 5 | 5 | 0 | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 308 | 0 | 1 | 306 | ----- |
| 4310 building stone | 0 | ----- | 0 | ----- | ----- |
| 4323 gypsum | 0 | ----- | 0 | ----- | ----- |
| 4331 sand & gravel | 307 | ----- | 0 | 306 | ----- |
| 4338 soil & fill dirt | 1 | 0 | 1 | ----- | ----- |
| Subtotal iron ore and scrap | 1 | 1 | 0 | ----- | ----- |
| 4420 iron & steel scrap | 1 | 1 | 0 | ----- | ----- |
| Subtotal marine shells | 0 | ----- | 0 | ----- | ----- |
| 4515 marine shells | 0 | ----- | 0 | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 0 | 0 | 0 | ----- | ----- |
| 4680 non-ferrous scrap | 0 | 0 | 0 | ----- | ----- |
| Subtotal sulphur, clay and salt | 3 | 3 | 1 | ----- | ----- |
| 4782 clay & refrac. mat. | 3 | 3 | 1 | ----- | ----- |
| Subtotal other non-metal. min. | 8 | 0 | 7 | ----- | ----- |
| 4900 non-metal. min. nec | 8 | 0 | 7 | ----- | ----- |
| Total primary manufactured goods | 115 | 24 | 90 | ----- | ----- |
| Subtotal paper products | 25 | 3 | 22 | ----- | ----- |
| 5110 newsprint | 1 | 1 | 0 | ----- | ----- |
| 5120 paper & paperboard | 3 | 1 | 2 | ----- | ----- |
| 5190 paper products nec | 22 | 2 | 21 | ----- | ----- |
| Subtotal lime, cement and glass | 21 | 2 | 19 | ----- | ----- |
| 5220 cement & concrete | 2 | 0 | 2 | ----- | ----- |
| 5240 glass & glass prod. | 2 | 0 | 1 | ----- | ----- |
| 5290 misc. mineral prod. | 18 | 2 | 16 | ----- | ----- |
| Subtotal primary iron and steel products | 12 | 1 | 11 | ----- | ----- |
| 5312 pig iron | 0 | ----- | 0 | ----- | ----- |
| 5320 i&s primary forms | 0 | ----- | 0 | ----- | ----- |
| 5330 i&s plates & sheets | 2 | 1 | 2 | ----- | ----- |
| 5360 i&s bars & shapes | 7 | 0 | 7 | ----- | ----- |
| 5370 i&s pipe & tube | 2 | 0 | 2 | ----- | ----- |
| 5390 primary i&s nec | 0 | ----- | 0 | ----- | ----- |
| Subtotal primary non-ferrous metal products | 53 | 16 | 37 | ----- | ----- |
| 5421 copper | 2 | 2 | 0 | ----- | ----- |
| 5422 aluminum | 1 | 1 | 0 | ----- | ----- |
| 5429 smelted prod. nec | 0 | 0 | 0 | ----- | ----- |
| 5480 fab. metal products | 49 | 13 | 36 | ----- | ----- |
| Subtotal primary wood products | 3 | 2 | 1 | ----- | ----- |
| 5540 primary wood prod. | 3 | 2 | 1 | ----- | ----- |

OAKLAND HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | |
|---|------------|--------------|------------|--------------|--------------|
| | | Coastwise | | Internal | |
| | | Receipts | Shipments | Receipts | Shipments |
| Total food and farm products | 801 | 162 | 551 | ----- | 88 |
| Subtotal fish | 1 | 0 | 1 | ----- | ----- |
| 6134 fish (not shellfish) | 1 | 0 | 1 | ----- | ----- |
| 6136 shellfish | 0 | ----- | 0 | ----- | ----- |
| Subtotal grain | 59 | 0 | 59 | ----- | ----- |
| 6241 wheat | 0 | ----- | 0 | ----- | ----- |
| 6344 corn | 1 | ----- | 1 | ----- | ----- |
| 6442 rice | 59 | 0 | 59 | ----- | ----- |
| Subtotal oilseeds | 0 | ----- | 0 | ----- | ----- |
| 6522 soybeans | 0 | ----- | 0 | ----- | ----- |
| 6590 oilseeds nec | 0 | ----- | 0 | ----- | ----- |
| Subtotal vegetable products | 58 | 3 | 55 | ----- | ----- |
| 6653 vegetable oils | 0 | ----- | 0 | ----- | ----- |
| 6654 vegetables & prod. | 58 | 3 | 54 | ----- | ----- |
| Subtotal processed grain and animal feed | 59 | 4 | 55 | ----- | ----- |
| 6746 wheat flour | 14 | 0 | 14 | ----- | ----- |
| 6747 grain mill products | 2 | 0 | 2 | ----- | ----- |
| 6781 hay & fodder | 3 | 0 | 3 | ----- | ----- |
| 6782 animal feed, prep. | 40 | 4 | 36 | ----- | ----- |
| Subtotal other agricultural products | 624 | 154 | 382 | ----- | 88 |
| 6811 meat, fresh, frozen | 63 | 5 | 58 | ----- | ----- |
| 6817 meat, prepared | 1 | ----- | 1 | ----- | ----- |
| 6822 dairy products | 17 | 0 | 17 | ----- | ----- |
| 6835 fish, prepared | 0 | ----- | 0 | ----- | ----- |
| 6839 animals & prod. nec | 11 | 5 | 5 | ----- | ----- |
| 6856 bananas & plantains | 0 | ----- | 0 | ----- | ----- |
| 6857 fruit & nuts nec | 23 | 1 | 22 | ----- | ----- |
| 6858 fruit juices | 47 | 46 | 1 | ----- | ----- |
| 6865 molasses | 176 | 87 | ----- | ----- | 88 |
| 6871 coffee | 3 | 1 | 2 | ----- | ----- |
| 6872 cocoa beans | 0 | 0 | ----- | ----- | ----- |
| 6885 alcoholic beverages | 67 | 1 | 67 | ----- | ----- |
| 6887 groceries | 73 | 0 | 73 | ----- | ----- |
| 6889 food products nec | 139 | 6 | 134 | ----- | ----- |
| 6891 tobacco & products | 1 | 0 | 0 | ----- | ----- |
| 6893 cotton | 1 | 1 | 0 | ----- | ----- |
| 6899 farm products nec | 3 | 1 | 1 | ----- | ----- |
| Total all manufactured equipment, machinery and products | 494 | 119 | 374 | ----- | 0 |
| 7110 machinery (not elec) | 34 | 13 | 21 | ----- | 0 |
| 7120 electrical machinery | 5 | 1 | 4 | ----- | ----- |
| 7210 vehicles & parts | 117 | 24 | 93 | ----- | ----- |
| 7220 aircraft & parts | 0 | 0 | 0 | ----- | ----- |
| 7230 ships & boats | 1 | 0 | 0 | ----- | ----- |
| 7300 ordnance & access. | 1 | 1 | 0 | ----- | ----- |
| 7400 manufac. wood prod. | 20 | 14 | 6 | ----- | ----- |
| 7500 textile products | 2 | 0 | 2 | ----- | ----- |
| 7600 rubber & plastic pr. | 5 | 0 | 5 | ----- | ----- |

OAKLAND HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | |
|--|-----------|-----------|-----------|----------|-----------|
| | | Coastwise | | Internal | |
| | | Receipts | Shipments | Receipts | Shipments |
| 7900 manufac. prod. nec | 309 | 66 | 243 | ----- | ----- |
| Total unknown or not elsewhere classified | 34 | 6 | 28 | ----- | ----- |
| 9900 unknown or nec | 34 | 6 | 28 | ----- | ----- |

RICHMOND HARBOR, CA

Section Included: Inner harbor, from southern end of Richmond Long Wharf maneuvering area to the head of Santa Fe Channel, a distance of about 5 miles; outer harbor, from southern end of maneuvering area at Richmond Long Wharf to Point San Pablo and the north side of Point San Pablo; includes a connecting channel (Southampton Channel) to the Richmond Long Wharf maneuvering area and approach areas at Point San Pablo and Point Orient. Controlling Depth: 45.7 feet in Southampton Channel (connecting channel from San Francisco Bay to Richmond Long Wharf maneuvering area); 44.7 feet in maneuvering area to Richmond Long Wharf; 34.8 feet from Richmond Long Wharf maneuvering area to turning basin Point Richmond; 34.8 feet in Pt. Richmond turning basin; 34.5 feet to Point Potrero; 34.0 feet in turning basin at Point Potrero; Point Potrero (southerly apex only) 28.7 feet; 34.7 feet to Lauritzen Canal then 30.4 feet in Santa Fe Channel to upper turning basin; 30.4 feet in upper turning basin; 27 feet in approach to Point Orient; 26 feet in approach to Point San Pablo; 30.6 feet at Molate Point; and 33.4 feet in West Richmond Channel. Project Depth: 45 feet in connecting channel (Southampton Channel) from San Francisco Bay to Richmond Long Wharf maneuvering area; 45 feet in maneuvering area to Richmond Long Wharf; 35 feet to turning basin at Pt. Richmond; 35 feet to Point Potrero; 35 feet to Santa Fe Channel; 35 feet in Santa Fe Channel for approximately 2,000 feet then 30 feet in the remainder of Santa Fe Channel and turning basin; 20 feet in channel east of Point San Pablo Channel; 32 feet in approach to Point Orient; 32 feet in approach to Point San Pablo.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|--------|------|--------|
| 1985 | 17,178 | 1990 | 21,156 |
| 1986 | 18,833 | 1991 | 19,919 |
| 1987 | 21,431 | 1992 | 21,042 |
| 1988 | 18,913 | 1993 | 24,570 |
| 1989 | 25,103 | 1994 | 24,094 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | Canadian |
|---|--------------|--------------|--------------|------------|
| | | Imports | Exports | Imports |
| Total, all commodities | 6,088 | 2,813 | 2,850 | 425 |
| Total coal | 265 | 223 | 42 | ----- |
| 1200 coal coke | 265 | 223 | 42 | ----- |
| Total petroleum and petroleum products | 4,241 | 1,855 | 2,385 | ----- |
| Subtotal crude petroleum | 1,190 | 1,190 | ----- | ----- |
| 2100 crude petroleum | 1,190 | 1,190 | ----- | ----- |

RICHMOND HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian |
|--|--------------|------------|--------------|------------|
| | | Imports | Exports | Imports |
| Subtotal petroleum products | 3,050 | 665 | 2,385 | ----- |
| 2211 gasoline | 94 | ----- | 94 | ----- |
| 2221 kerosene | 73 | ----- | 73 | ----- |
| 2330 distillate fuel oil | 108 | ----- | 108 | ----- |
| 2340 residual fuel oil | 2,011 | 453 | 1,558 | ----- |
| 2350 lube oil & greases | 11 | ----- | 11 | ----- |
| 2429 naphtha & solvents | 514 | 212 | 302 | ----- |
| 2430 asphalt, tar & pitch | 18 | ----- | 18 | ----- |
| 2540 petroleum coke | 221 | ----- | 221 | ----- |
| Total chemicals and related products | 532 | 60 | 65 | 406 |
| Subtotal fertilizers | 20 | 20 | ----- | ----- |
| 3110 nitrogenous fert. | 4 | 4 | ----- | ----- |
| 3190 fert. & mixes nec | 15 | 15 | ----- | ----- |
| Subtotal other chemicals and related products | 512 | 40 | 65 | 406 |
| 3211 acyclic hydrocarbons | 61 | ----- | 61 | ----- |
| 3212 benzene & toluene | 12 | 12 | ----- | ----- |
| 3220 alcohols | 167 | 1 | ----- | 166 |
| 3250 organo- inorgan. comp | 0 | 0 | ----- | ----- |
| 3260 organic comp. nec | 264 | 24 | ----- | 240 |
| 3274 sodium hydroxide | 1 | ----- | ----- | 1 |
| 3282 pigments & paints | 0 | ----- | 0 | ----- |
| 3284 medicines | 0 | ----- | 0 | ----- |
| 3285 perfumes & cleansers | 0 | ----- | 0 | ----- |
| 3286 plastics | 0 | 0 | 0 | ----- |
| 3291 pesticides | 0 | ----- | 0 | ----- |
| 3292 starches, gluten, glue | 1 | 1 | 0 | ----- |
| 3297 chemical additives | 4 | ----- | 4 | ----- |
| 3299 chem. products nec | 3 | 3 | 0 | ----- |
| Total crude materials, inedible except fuels | 531 | 260 | 254 | 16 |
| Subtotal forest products, wood and chips | 5 | 5 | 0 | ----- |
| 4170 wood in the rough | 0 | 0 | ----- | ----- |
| 4189 lumber | 5 | 5 | 0 | ----- |
| 4190 forest products nec | 0 | ----- | 0 | ----- |
| Subtotal soil, sand, gravel, rock and stone | 194 | 178 | ----- | 16 |
| 4323 gypsum | 178 | 178 | ----- | ----- |
| 4331 sand & gravel | 16 | ----- | ----- | 16 |
| Subtotal iron ore and scrap | 254 | ----- | 254 | ----- |
| 4420 iron & steel scrap | 254 | ----- | 254 | ----- |
| Subtotal non-ferrous ores and scrap | 77 | 77 | 0 | ----- |
| 4650 aluminum ore | 77 | 77 | ----- | ----- |
| 4680 non-ferrous scrap | 0 | ----- | 0 | ----- |
| Subtotal other non-metal. min. | 0 | 0 | ----- | ----- |
| 4900 non-metal. min. nec | 0 | 0 | ----- | ----- |
| Total primary manufactured goods | 144 | 143 | 1 | ----- |
| Subtotal paper products | 4 | 4 | 0 | ----- |
| 5110 newsprint | 4 | 4 | ----- | ----- |
| 5120 paper & paperboard | 0 | 0 | 0 | ----- |

RICHMOND HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian |
|--|------------|------------|------------|----------|
| | | Imports | Exports | Imports |
| 5190 paper products nec | 0 | ----- | 0 | ----- |
| Subtotal lime, cement and glass | 1 | 0 | 0 | ----- |
| 5240 glass & glass prod. | 0 | 0 | 0 | ----- |
| 5290 misc. mineral prod. | 0 | 0 | 0 | ----- |
| Subtotal primary iron and steel products | 139 | 139 | 0 | ----- |
| 5330 i&s plates & sheets | 139 | 138 | 0 | ----- |
| 5360 i&s bars & shapes | 0 | 0 | ----- | ----- |
| 5370 i&s pipe & tube | 0 | 0 | ----- | ----- |
| Subtotal primary non-ferrous metal products | 0 | 0 | 0 | ----- |
| 5421 copper | 0 | 0 | ----- | ----- |
| 5422 aluminum | 0 | ----- | 0 | ----- |
| 5480 fab. metal products | 0 | 0 | 0 | ----- |
| Subtotal primary wood products | 0 | ----- | 0 | ----- |
| 5540 primary wood prod. | 0 | ----- | 0 | ----- |
| Total food and farm products | 265 | 162 | 101 | 2 |
| Subtotal fish | 0 | ----- | 0 | ----- |
| 6136 shellfish | 0 | ----- | 0 | ----- |
| Subtotal grain | 4 | ----- | 4 | ----- |
| 6241 wheat | 0 | ----- | 0 | ----- |
| 6344 corn | 1 | ----- | 1 | ----- |
| 6442 rice | 1 | ----- | 1 | ----- |
| 6443 barley & rye | 3 | ----- | 3 | ----- |
| Subtotal oilseeds | 7 | ----- | 7 | ----- |
| 6590 oilseeds nec | 7 | ----- | 7 | ----- |
| Subtotal vegetable products | 223 | 147 | 74 | 2 |
| 6653 vegetable oils | 221 | 147 | 72 | 2 |
| 6654 vegetables & prod. | 2 | 0 | 2 | ----- |
| Subtotal processed grain and animal feed | 3 | 0 | 3 | ----- |
| 6747 grain mill products | 0 | 0 | 0 | ----- |
| 6781 hay & fodder | 0 | ----- | 0 | ----- |
| 6782 animal feed, prep. | 2 | ----- | 2 | ----- |
| Subtotal other agricultural products | 28 | 15 | 13 | ----- |
| 6811 meat, fresh, frozen | 3 | 0 | 3 | ----- |
| 6817 meat, prepared | 0 | ----- | 0 | ----- |
| 6822 dairy products | 0 | ----- | 0 | ----- |
| 6835 fish, prepared | 0 | ----- | 0 | ----- |
| 6838 tallow, animal oils | 9 | ----- | 9 | ----- |
| 6857 fruit & nuts nec | 0 | 0 | 0 | ----- |
| 6858 fruit juices | 0 | 0 | 0 | ----- |
| 6865 molasses | 9 | 9 | ----- | ----- |
| 6871 coffee | 0 | ----- | ----- | ----- |
| 6872 cocoa beans | 5 | 5 | ----- | ----- |
| 6885 alcoholic beverages | 0 | 0 | 0 | ----- |
| 6888 water & ice | 0 | 0 | ----- | ----- |
| 6889 food products nec | 1 | 0 | 0 | ----- |
| 6891 tobacco & products | 0 | ----- | 0 | ----- |
| 6899 farm products nec | 0 | 0 | ----- | ----- |

RICHMOND HARBOR, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian |
|---|------------|------------|----------|----------|
| | | Imports | Exports | |
| Total all manufactured equipment, machinery and products | 111 | 108 | 2 | ----- |
| 7110 machinery (not elec) | 1 | 0 | 1 | ----- |
| 7120 electrical machinery | 0 | ----- | 0 | ----- |
| 7210 vehicles & parts | 109 | 108 | 1 | ----- |
| 7230 ships & boats | 0 | 0 | 0 | ----- |
| 7400 manufac. wood prod. | 0 | 0 | 0 | ----- |
| 7500 textile products | 0 | 0 | 0 | ----- |
| 7600 rubber & plastic pr. | 0 | ----- | 0 | ----- |
| 7900 manufac. prod. nec | 0 | 0 | 0 | ----- |
| Total unknown or not elsewhere classified | 0 | 0 | 0 | ----- |
| 9900 unknown or nec | 0 | 0 | 0 | ----- |

| Commodity | Total | Domestic | | | | |
|--|---------------|---------------|--------------|--------------|------------|------------|
| | | Coastwise | | Internal | | Intraport |
| | | Receipts | Shipments | Receipts | Shipments | |
| Total, all commodities | 18,006 | 12,431 | 2,424 | 1,914 | 824 | 413 |
| Total petroleum and petroleum products | 17,757 | 12,264 | 2,400 | 1,898 | 782 | 413 |
| Subtotal crude petroleum | 11,423 | 9,885 | 17 | 1,521 | ----- | ----- |
| 2100 crude petroleum | 11,423 | 9,885 | 17 | 1,521 | ----- | ----- |
| Subtotal petroleum products | 6,334 | 2,380 | 2,383 | 377 | 782 | 413 |
| 2211 gasoline | 2,866 | 1,151 | 1,559 | 63 | 76 | 17 |
| 2330 distillate fuel oil | 953 | 373 | 401 | 134 | 10 | 34 |
| 2340 residual fuel oil | 2,122 | 835 | 138 | 160 | 649 | 340 |
| 2350 lube oil & greases | 316 | 11 | 270 | 20 | ----- | 15 |
| 2429 naphtha & solvents | 77 | 9 | 15 | ----- | 47 | 7 |
| Total chemicals and related products | 248 | 167 | 24 | 16 | 41 | ----- |
| Subtotal other chemicals and related products | 248 | 167 | 24 | 16 | 41 | ----- |
| 3211 acyclic hydrocarbons | 18 | ----- | 18 | ----- | ----- | ----- |
| 3212 benzene & toluene | 11 | 7 | 4 | ----- | ----- | ----- |
| 3220 alcohols | 2 | ----- | 2 | ----- | ----- | ----- |
| 3274 sodium hydroxide | 93 | 93 | ----- | ----- | ----- | ----- |
| 3286 plastics | 26 | 26 | ----- | ----- | ----- | ----- |
| 3297 chemical additives | 99 | 41 | ----- | 16 | 41 | ----- |
| Total crude materials, inedible except fuels | 1 | ----- | ----- | 0 | 1 | 0 |
| Subtotal forest products, wood and chips | 1 | ----- | ----- | 0 | 1 | 0 |
| 4170 wood in the rough | 1 | ----- | ----- | 0 | 1 | 0 |

SAN PABLO BAY AND MARE ISLAND STRAIT, CA

Section Included: All of San Pablo Bay and Mare Island Strait. Controlling Depth: Pinole Shoal channel 36.3 feet from S. P. buoy at beginning of channel to buoy 9; 34.3 feet to buoy 11; 35.1 feet to end of channel; Mare Island Strait (the maintained westerly 55% of project width) 36.3 feet to the Navy Ammunition Pier; 35.8 feet to Finger Pier No. 21; 36.0 feet to "A" Street (end of maintained section); 20.5 feet to the end of 26-foot project at causeway. Project Depth: 35 feet in Pinole Shoal Channel and 30 feet in Mare Island Strait, except at upstream end of turning basin, 26 feet.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|--------|------|--------|
| 1985 | 28,287 | 1990 | 33,982 |
| 1986 | 29,745 | 1991 | 32,326 |
| 1987 | 34,745 | 1992 | 36,085 |
| 1988 | 33,323 | 1993 | 34,177 |
| 1989 | 36,352 | 1994 | 32,367 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | | | Canadian | | |
|--|--------------|-----------|------------|--------------------|--------------------|----------|--------------------|--------------------|
| | | Imports | Exports | Through Upbound | Through Downbnd | Imports | Through Upbound | Through Downbnd |
| Total, all commodities | 9,500 | 81 | 132 | 3,511 | 5,329 | 8 | 390 | 48 |
| Total coal | 42 | ----- | ----- | 42 | ----- | ----- | ----- | ----- |
| 1200 coal coke | 42 | ----- | ----- | 42 | ----- | ----- | ----- | ----- |
| Total petroleum and petroleum products | 5,267 | 62 | 132 | 1,597 | 3,436 | ----- | ----- | 41 |
| Subtotal crude petroleum | 1,507 | 50 | ----- | 1,413 | 44 | ----- | ----- | ----- |
| 2100 crude petroleum | 1,507 | 50 | ----- | 1,413 | 44 | ----- | ----- | ----- |
| Subtotal petroleum products | 3,760 | 12 | 132 | 184 | 3,392 | ----- | ----- | 41 |
| 2211 gasoline | 195 | 12 | ----- | 25 | 159 | ----- | ----- | ----- |
| 2221 kerosene | 33 | ----- | ----- | ----- | 33 | ----- | ----- | ----- |
| 2330 distillate fuel oil | 499 | ----- | 16 | 72 | 392 | ----- | ----- | 19 |
| 2340 residual fuel oil | 345 | ----- | 52 | ----- | 271 | ----- | ----- | 22 |
| 2350 lube oil & greases | 24 | ----- | 1 | ----- | 23 | ----- | ----- | ----- |
| 2410 petro. jelly & waxes | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 2429 naphtha & solvents | 1,705 | ----- | 62 | 88 | 1,556 | ----- | ----- | ----- |
| 2430 asphalt, tar & pitch | 267 | ----- | ----- | ----- | 267 | ----- | ----- | ----- |
| 2540 petroleum coke | 690 | ----- | ----- | ----- | 690 | ----- | ----- | ----- |
| Total chemicals and related products | 704 | 20 | ----- | 374 | 86 | 8 | 216 | ----- |
| Subtotal fertilizers | 151 | ----- | ----- | 128 | ----- | ----- | 23 | ----- |
| 3110 nitrogenous fert. | 71 | ----- | ----- | 48 | ----- | ----- | 23 | ----- |
| 3190 fert. & mixes nec | 80 | ----- | ----- | 80 | ----- | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 553 | 20 | ----- | 246 | 86 | 8 | 193 | ----- |
| 3219 other hydrocarbons | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- |
| 3220 alcohols | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- |
| 3230 carboxylic acids | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 3240 nitrogen func. comp. | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |

SAN PABLO BAY AND MARE ISLAND STRAIT, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | | | Canadian | | |
|---|------------|---------|---------|------------|------------|----------|---------|----------|
| | | Imports | Exports | Through | | Imports | Through | |
| | | | | Upbound | Downbnd | | Upbound | Downbnd |
| 3250 organo- inorgan. comp | 1 | ----- | ----- | 1 | ----- | ----- | ----- | ----- |
| 3260 organic comp. nec | 189 | 20 | ----- | 116 | 0 | 8 | 45 | ----- |
| 3271 sulphur (liquid) | 82 | ----- | ----- | ----- | 82 | ----- | ----- | ----- |
| 3273 ammonia | 264 | ----- | ----- | 125 | ----- | ----- | 139 | ----- |
| 3274 sodium hydroxide | 11 | ----- | ----- | 2 | ----- | ----- | 9 | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 3276 metallic salts | 3 | ----- | ----- | 1 | 2 | ----- | ----- | ----- |
| 3282 pigments & paints | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- |
| 3283 coloring mat. nec | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 3284 medicines | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 3285 perfumes & cleansers | 1 | ----- | ----- | ----- | 1 | ----- | ----- | ----- |
| 3286 plastics | 1 | ----- | ----- | 0 | 1 | ----- | ----- | ----- |
| 3291 pesticides | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 3292 starches, gluten, glue | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 3297 chemical additives | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 3298 wood & resin chem. | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 3299 chem. products nec | 1 | ----- | ----- | 1 | 0 | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 874 | ----- | ----- | 374 | 493 | ----- | ----- | 7 |
| Subtotal forest products, wood and chips | 295 | ----- | ----- | 23 | 272 | ----- | ----- | ----- |
| 4150 fuel wood | 9 | ----- | ----- | ----- | 9 | ----- | ----- | ----- |
| 4161 wood chips | 219 | ----- | ----- | ----- | 219 | ----- | ----- | ----- |
| 4170 wood in the rough | 64 | ----- | ----- | 23 | 41 | ----- | ----- | ----- |
| 4189 lumber | 3 | ----- | ----- | ----- | 3 | ----- | ----- | ----- |
| 4190 forest products nec | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| Subtotal pulp and waste paper | 12 | ----- | ----- | ----- | 12 | ----- | ----- | ----- |
| 4225 pulp & waste paper | 12 | ----- | ----- | ----- | 12 | ----- | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 306 | ----- | ----- | 299 | 0 | ----- | ----- | 7 |
| 4323 gypsum | 306 | ----- | ----- | 299 | 0 | ----- | ----- | 7 |
| Subtotal iron ore and scrap | 35 | ----- | ----- | ----- | 35 | ----- | ----- | ----- |
| 4420 iron & steel scrap | 35 | ----- | ----- | ----- | 35 | ----- | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 39 | ----- | ----- | 39 | 0 | ----- | ----- | ----- |
| 4680 non-ferrous scrap | 13 | ----- | ----- | 12 | 0 | ----- | ----- | ----- |
| 4690 non-ferrous ores nec | 27 | ----- | ----- | 27 | ----- | ----- | ----- | ----- |
| Subtotal sulphur, clay and salt | 186 | ----- | ----- | 13 | 174 | ----- | ----- | ----- |
| 4741 sulphur, (dry) | 144 | ----- | ----- | ----- | 144 | ----- | ----- | ----- |
| 4782 clay & refrac. mat. | 42 | ----- | ----- | 13 | 29 | ----- | ----- | ----- |
| Subtotal other non-metal. min. | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- |
| 4900 non-metal. min. nec | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- |

SAN PABLO BAY AND MARE ISLAND STRAIT, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | | | Canadian | | |
|--|--------------|---------|---------|------------|--------------|----------|------------|----------|
| | | Imports | Exports | Through | | Imports | Through | |
| | | | | Upbound | Downbnd | | Upbound | Downbnd |
| Total primary manufactured goods | 994 | ----- | ----- | 825 | 169 | ----- | 0 | ----- |
| Subtotal paper products | 22 | ----- | ----- | 13 | 8 | ----- | 0 | ----- |
| 5110 newsprint | 13 | ----- | ----- | 13 | ----- | ----- | ----- | ----- |
| 5120 paper & paperboard | 8 | ----- | ----- | ----- | 8 | ----- | 0 | ----- |
| 5190 paper products nec | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| Subtotal lime, cement and glass | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- |
| 5240 glass & glass prod. | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 5290 misc. mineral prod. | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- |
| Subtotal primary iron and steel products | 971 | ----- | ----- | 811 | 160 | ----- | ----- | ----- |
| 5330 i&s plates & sheets | 806 | ----- | ----- | 805 | 0 | ----- | ----- | ----- |
| 5360 i&s bars & shapes | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 5370 i&s pipe & tube | 165 | ----- | ----- | 6 | 160 | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 1 | ----- | ----- | ----- | 1 | ----- | ----- | ----- |
| 5421 copper | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 5422 aluminum | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 5480 fab. metal products | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| Subtotal primary wood products | 1 | ----- | ----- | ----- | 1 | ----- | ----- | ----- |
| 5540 primary wood prod. | 1 | ----- | ----- | ----- | 1 | ----- | ----- | ----- |
| Total food and farm products | 1,380 | ----- | ----- | 168 | 1,038 | ----- | 174 | 0 |
| Subtotal fish | 1 | ----- | ----- | ----- | 1 | ----- | ----- | 0 |
| 6134 fish (not shellfish) | 0 | ----- | ----- | ----- | 0 | ----- | ----- | 0 |
| 6136 shellfish | 1 | ----- | ----- | ----- | 1 | ----- | ----- | ----- |
| Subtotal grain | 1,150 | ----- | ----- | ----- | 981 | ----- | 170 | ----- |
| 6241 wheat | 348 | ----- | ----- | ----- | 348 | ----- | ----- | ----- |
| 6442 rice | 633 | ----- | ----- | ----- | 633 | ----- | ----- | ----- |
| 6443 barley & rye | 170 | ----- | ----- | ----- | ----- | ----- | 170 | ----- |
| Subtotal oilseeds | 40 | ----- | ----- | ----- | 40 | ----- | ----- | ----- |
| 6521 peanuts | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 6590 oilseeds nec | 40 | ----- | ----- | ----- | 40 | ----- | ----- | ----- |
| Subtotal vegetable products | 8 | ----- | ----- | ----- | 8 | ----- | ----- | ----- |
| 6653 vegetable oils | 7 | ----- | ----- | ----- | 7 | ----- | ----- | ----- |
| 6654 vegetables & prod. | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| Subtotal processed grain and animal feed | 10 | ----- | ----- | 6 | 0 | ----- | 4 | ----- |
| 6747 grain mill products | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 6782 animal feed, prep. | 10 | ----- | ----- | 6 | 0 | ----- | 4 | ----- |
| Subtotal other agricultural products | 171 | ----- | ----- | 162 | 9 | ----- | ----- | ----- |
| 6811 meat, fresh, frozen | 1 | ----- | ----- | ----- | 1 | ----- | ----- | ----- |
| 6822 dairy products | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 6838 tallow, animal oils | 1 | ----- | ----- | ----- | 1 | ----- | ----- | ----- |
| 6839 animals & prod. nec | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- |
| 6857 fruit & nuts nec | 3 | ----- | ----- | ----- | 3 | ----- | ----- | ----- |

SAN PABLO BAY AND MARE ISLAND STRAIT, CA
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Foreign | | | | Canadian | | |
|---|---------------|------------|--------------|---------------|---------------|-----------|--------------|------------|
| | | Imports | Exports | Through | | Imports | Through | |
| | | | | Upbound | Downbnd | | Upbound | Downbnd |
| 6858 fruit juices | 1 | ----- | ----- | ----- | 1 | ----- | ----- | ----- |
| 6861 sugar | 64 | ----- | ----- | 64 | ----- | ----- | ----- | ----- |
| 6865 molasses | 98 | ----- | ----- | 98 | ----- | ----- | ----- | ----- |
| 6885 alcoholic beverages | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 6889 food products nec | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 6891 tobacco & products | 1 | ----- | ----- | 0 | 1 | ----- | ----- | ----- |
| 6893 cotton | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 6899 farm products nec | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 239 | ----- | ----- | 131 | 107 | ----- | ----- | ----- |
| 7110 machinery (not elec) | 5 | ----- | ----- | 4 | 1 | ----- | ----- | ----- |
| 7120 electrical machinery | 1 | ----- | ----- | 0 | 1 | ----- | ----- | ----- |
| 7210 vehicles & parts | 222 | ----- | ----- | 127 | 95 | ----- | ----- | ----- |
| 7220 aircraft & parts | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 7230 ships & boats | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 7300 ordnance & access. | 3 | ----- | ----- | 0 | 3 | ----- | ----- | ----- |
| 7400 manufac. wood prod. | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 7500 textile products | 6 | ----- | ----- | 0 | 6 | ----- | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 1 | ----- | ----- | 0 | 0 | ----- | ----- | ----- |
| Total unknown or not elsewhere classified | 1 | ----- | ----- | 0 | 0 | ----- | ----- | ----- |
| 9900 unknown or nec | 1 | ----- | ----- | 0 | 0 | ----- | ----- | ----- |
| Ton-miles (x1000) Foreign & Canadian | 94,997 | 815 | 1,316 | 35,111 | 53,294 | 83 | 3,899 | 479 |

| Commodity | Total | Coastwise | | | |
|---|---------------|--------------|--------------|--------------|--------------|
| | | Receipts | Shipments | Through | |
| | | | | Upbound | Downbnd |
| Total, all commodities | 15,234 | 2,443 | 2,010 | 7,439 | 3,341 |
| Total petroleum and petroleum products | 13,862 | 2,432 | 2,010 | 6,143 | 3,277 |
| Subtotal crude petroleum | 7,120 | 2,300 | 13 | 4,697 | 109 |
| 2100 crude petroleum | 7,120 | 2,300 | 13 | 4,697 | 109 |
| Subtotal petroleum products | 6,742 | 131 | 1,997 | 1,446 | 3,168 |
| 2211 gasoline | 3,255 | 22 | 552 | 210 | 2,470 |
| 2330 distillate fuel oil | 1,849 | 87 | 1,102 | 385 | 276 |
| 2340 residual fuel oil | 1,308 | ----- | 172 | 831 | 304 |
| 2350 lube oil & greases | 231 | ----- | 170 | 11 | 50 |
| 2429 naphtha & solvents | 73 | 22 | ----- | 9 | 42 |
| 2430 asphalt, tar & pitch | 23 | ----- | ----- | ----- | 23 |

SAN PABLO BAY AND MARE ISLAND STRAIT, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Coastwise | | | |
|---|----------------|---------------|---------------|---------------|---------------|
| | | Receipts | Shipments | Through | |
| | | | | Upbound | Downbnd |
| 2990 petro. products nec | 2 | ----- | ----- | ----- | 2 |
| Total chemicals and related products | 753 | 12 | ----- | 681 | 60 |
| Subtotal fertilizers | 262 | ----- | ----- | 262 | ----- |
| 3110 nitrogenous fert. | 252 | ----- | ----- | 252 | ----- |
| 3190 fert. & mixes nec | 9 | ----- | ----- | 9 | ----- |
| Subtotal other chemicals and related products | 491 | 12 | ----- | 420 | 60 |
| 3212 benzene & toluene | 2 | ----- | ----- | ----- | 2 |
| 3220 alcohols | 16 | ----- | ----- | 16 | ----- |
| 3273 ammonia | 147 | ----- | ----- | 147 | ----- |
| 3274 sodium hydroxide | 99 | ----- | ----- | 99 | ----- |
| 3293 explosives | 1 | ----- | ----- | 0 | 1 |
| 3297 chemical additives | 226 | 12 | ----- | 157 | 58 |
| Total crude materials, inedible except fuels | 4 | ----- | ----- | ----- | 4 |
| Subtotal forest products, wood and chips | 4 | ----- | ----- | ----- | 4 |
| 4161 wood chips | 4 | ----- | ----- | ----- | 4 |
| Total food and farm products | 613 | ----- | ----- | 613 | ----- |
| Subtotal other agricultural products | 613 | ----- | ----- | 613 | ----- |
| 6861 sugar | 613 | ----- | ----- | 613 | ----- |
| Total all manufactured equipment, machinery and products | 2 | ----- | ----- | 1 | 0 |
| 7300 ordnance & access. | 2 | ----- | ----- | 1 | 0 |
| Ton-miles (x1000) Coastwise | 149,063 | 22,104 | 19,156 | 74,388 | 33,415 |

| Commodity | Total | Internal | | | | | | |
|---|--------------|--------------|-----------|------------|------------|--------------|--------------|----------|
| | | Inbound | | Outbound | | Through | | Intra |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Downbnd |
| Total, all commodities | 7,633 | 1,577 | 17 | 468 | 178 | 4,171 | 1,221 | 1 |
| Total petroleum and petroleum products | 7,029 | 1,536 | 17 | 468 | 178 | 3,876 | 952 | 1 |
| Subtotal crude petroleum | 5,282 | 1,485 | ----- | 17 | ----- | 3,753 | 27 | ----- |
| 2100 crude petroleum | 5,282 | 1,485 | ----- | 17 | ----- | 3,753 | 27 | ----- |
| Subtotal petroleum products | 1,746 | 51 | 17 | 451 | 178 | 123 | 924 | 1 |
| 2211 gasoline | 167 | 4 | 14 | 14 | 8 | 72 | 55 | ----- |
| 2330 distillate fuel oil | 500 | 10 | ----- | 349 | 19 | 0 | 121 | ----- |
| 2340 residual fuel oil | 1,013 | ----- | 3 | 88 | 131 | 42 | 748 | 1 |
| 2350 lube oil & greases | 20 | ----- | ----- | ----- | 20 | ----- | ----- | ----- |
| 2429 naphtha & solvents | 47 | 37 | ----- | ----- | ----- | 9 | ----- | ----- |

SAN PABLO BAY AND MARE ISLAND STRAIT, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Internal | | | | | |
|--|---------------|----------------|----------|--------------|--------------|---------------|---------------------------|
| | | Inbound | | Outbound | | Through | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Intra Downbnd |
| Total chemicals and related products | 57 | 41 | ----- | ----- | ----- | ----- | 16 ----- |
| Subtotal other chemicals and related products | 57 | 41 | ----- | ----- | ----- | ----- | 16 ----- |
| 3297 chemical additives | 57 | 41 | ----- | ----- | ----- | ----- | 16 ----- |
| Total crude materials, inedible except fuels | 436 | 0 | ----- | ----- | 0 | 192 | 244 ----- |
| Subtotal forest products, wood and chips | 1 | 0 | ----- | ----- | 0 | 1 | ----- |
| 4170 wood in the rough | 1 | 0 | ----- | ----- | 0 | 1 | ----- |
| Subtotal soil, sand, gravel, rock and stone | 412 | ----- | ----- | ----- | ----- | 168 | 244 ----- |
| 4331 sand & gravel | 412 | ----- | ----- | ----- | ----- | 168 | 244 ----- |
| Subtotal marine shells | 23 | ----- | ----- | ----- | ----- | 23 | ----- |
| 4515 marine shells | 23 | ----- | ----- | ----- | ----- | 23 | ----- |
| Total primary manufactured goods | 23 | ----- | ----- | ----- | ----- | 14 | 9 ----- |
| Subtotal lime, cement and glass | 23 | ----- | ----- | ----- | ----- | 14 | 9 ----- |
| 5290 misc. mineral prod. | 23 | ----- | ----- | ----- | ----- | 14 | 9 ----- |
| Total food and farm products | 88 | ----- | ----- | ----- | ----- | 88 | ----- |
| Subtotal other agricultural products | 88 | ----- | ----- | ----- | ----- | 88 | ----- |
| 6865 molasses | 88 | ----- | ----- | ----- | ----- | 88 | ----- |
| Ton-miles (x1000) Internal | 66,311 | 11,318 | 9 | 1,209 | 1,362 | 41,538 | 10,867 7 |
| Tons All Traffic (x1000) | | 32,367 | | | | | |
| Ton-miles All Traffic (x1000) | | 310,371 | | | | | |

CARQUINEZ STRAIT, CA

Section Included: All of Carquinez Strait from Davis Point on the westerly end to the Benicia-Martinez Bridge at Suisun Point on the easterly end, a distance of about 8 miles. Controlling Depth: 33 feet. Project Depth: 45 feet.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|--------|------|--------|
| 1985 | 21,522 | 1990 | 26,565 |
| 1986 | 23,875 | 1991 | 25,700 |
| 1987 | 27,345 | 1992 | 27,656 |
| 1988 | 27,155 | 1993 | 25,883 |
| 1989 | 28,117 | 1994 | 26,118 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | | | Canadian | | | |
|---|--------------|--------------|--------------|--------------------|--------------|-----------|-----------|--------------------|----------|
| | | Imports | Exports | Through Upbound | Downbnd | Imports | Exports | Through Upbound | Downbnd |
| Total, all commodities | 9,278 | 1,786 | 2,760 | 1,725 | 2,569 | 45 | 41 | 345 | 7 |
| Total coal | 42 | ----- | ----- | 42 | ----- | ----- | ----- | ----- | ----- |
| 1200 coal coke | 42 | ----- | ----- | 42 | ----- | ----- | ----- | ----- | ----- |
| Total petroleum and petroleum products | 5,074 | 1,537 | 2,616 | 60 | 820 | ----- | 41 | ----- | ----- |
| Subtotal crude petroleum | 1,457 | 1,413 | 27 | ----- | 17 | ----- | ----- | ----- | ----- |
| 2100 crude petroleum | 1,457 | 1,413 | 27 | ----- | 17 | ----- | ----- | ----- | ----- |
| Subtotal petroleum products | 3,617 | 125 | 2,589 | 60 | 803 | ----- | 41 | ----- | ----- |
| 2211 gasoline | 184 | 25 | 102 | ----- | 57 | ----- | ----- | ----- | ----- |
| 2221 kerosene | 33 | ----- | 33 | ----- | ----- | ----- | ----- | ----- | ----- |
| 2330 distillate fuel oil | 483 | 12 | 376 | 60 | 16 | ----- | 19 | ----- | ----- |
| 2340 residual fuel oil | 293 | ----- | 244 | ----- | 28 | ----- | 22 | ----- | ----- |
| 2350 lube oil & greases | 23 | ----- | 23 | ----- | 0 | ----- | ----- | ----- | ----- |
| 2410 petro. jelly & waxes | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 2429 naphtha & solvents | 1,644 | 88 | 1,327 | ----- | 230 | ----- | ----- | ----- | ----- |
| 2430 asphalt, tar & pitch | 267 | ----- | 256 | ----- | 12 | ----- | ----- | ----- | ----- |
| 2540 petroleum coke | 690 | ----- | 230 | ----- | 460 | ----- | ----- | ----- | ----- |

CARQUINEZ STRAIT, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | | | Canadian | | | |
|--|------------|------------|----------|------------|-----------|-----------|---------|------------|---------|
| | | Imports | Exports | Through | | Imports | Exports | Through | |
| | | | | Upbound | Downbnd | | | Upbound | Downbnd |
| Total chemicals and related products | 676 | 117 | 2 | 257 | 83 | 45 | ----- | 171 | ----- |
| Subtotal fertilizers | 151 | ----- | ----- | 128 | ----- | ----- | ----- | 23 | ----- |
| 3110 nitrogenous fert. | 71 | ----- | ----- | 48 | ----- | ----- | ----- | 23 | ----- |
| 3190 fert. & mixes nec | 80 | ----- | ----- | 80 | ----- | ----- | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 525 | 117 | 2 | 129 | 83 | 45 | ----- | 148 | ----- |
| 3219 other hydrocarbons | 0 | ----- | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 3220 alcohols | 0 | ----- | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 3230 carboxylic acids | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3240 nitrogen func. comp. | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3250 organo-inorgan. comp | 1 | ----- | ----- | 1 | ----- | ----- | ----- | ----- | ----- |
| 3260 organic comp. nec | 161 | 116 | 0 | ----- | ----- | 45 | ----- | ----- | ----- |
| 3271 sulphur (liquid) | 82 | ----- | ----- | ----- | 82 | ----- | ----- | ----- | ----- |
| 3273 ammonia | 264 | ----- | ----- | 125 | ----- | ----- | ----- | 139 | ----- |
| 3274 sodium hydroxide | 11 | ----- | ----- | 2 | ----- | ----- | ----- | 9 | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3276 metallic salts | 3 | ----- | ----- | 1 | 2 | ----- | ----- | ----- | ----- |
| 3282 pigments & paints | 0 | ----- | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 3283 coloring mat. nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3284 medicines | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3285 perfumes & cleansers | 1 | ----- | 1 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3286 plastics | 1 | ----- | 1 | 0 | 0 | ----- | ----- | ----- | ----- |
| 3291 pesticides | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3292 starches, gluten, glue | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3297 chemical additives | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3298 wood & resin chem. | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3299 chem. products nec | 1 | 1 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |

CARQUINEZ STRAIT, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | | | Canadian | | | |
|---|------------|---------|-----------|------------|------------|----------|---------|----------|----------|
| | | Imports | Exports | Through | | Imports | Exports | Through | |
| | | | | Upbound | Downbnd | | | Upbound | Downbnd |
| Total crude materials, inedible except fuels | 874 | ----- | 16 | 374 | 477 | ----- | ----- | ----- | 7 |
| Subtotal forest products, wood and chips | 295 | ----- | 4 | 23 | 268 | ----- | ----- | ----- | ----- |
| 4150 fuel wood | 9 | ----- | 0 | ----- | 9 | ----- | ----- | ----- | ----- |
| 4161 wood chips | 219 | ----- | ----- | ----- | 219 | ----- | ----- | ----- | ----- |
| 4170 wood in the rough | 64 | ----- | 1 | 23 | 40 | ----- | ----- | ----- | ----- |
| 4189 lumber | 3 | ----- | 3 | ----- | 0 | ----- | ----- | ----- | ----- |
| 4190 forest products nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal pulp and waste paper | 12 | ----- | 12 | ----- | ----- | ----- | ----- | ----- | ----- |
| 4225 pulp & waste paper | 12 | ----- | 12 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 306 | ----- | 0 | 299 | ----- | ----- | ----- | ----- | 7 |
| 4323 gypsum | 306 | ----- | 0 | 299 | ----- | ----- | ----- | ----- | 7 |
| Subtotal iron ore and scrap | 35 | ----- | ----- | ----- | 35 | ----- | ----- | ----- | ----- |
| 4420 iron & steel scrap | 35 | ----- | ----- | ----- | 35 | ----- | ----- | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 39 | ----- | 0 | 39 | ----- | ----- | ----- | ----- | ----- |
| 4680 non-ferrous scrap | 13 | ----- | 0 | 12 | ----- | ----- | ----- | ----- | ----- |
| 4690 non-ferrous ores nec | 27 | ----- | ----- | 27 | ----- | ----- | ----- | ----- | ----- |
| Subtotal sulphur, clay and salt | 186 | ----- | 0 | 13 | 173 | ----- | ----- | ----- | ----- |
| 4741 sulphur, (dry) | 144 | ----- | ----- | ----- | 144 | ----- | ----- | ----- | ----- |
| 4782 clay & refrac. mat. | 42 | ----- | 0 | 13 | 29 | ----- | ----- | ----- | ----- |
| Subtotal other non-metal. min. | 0 | ----- | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 4900 non-metal. min. nec | 0 | ----- | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| Total primary manufactured goods | 994 | ----- | 9 | 825 | 160 | ----- | ----- | 0 | ----- |
| Subtotal paper products | 22 | ----- | 8 | 13 | ----- | ----- | ----- | 0 | ----- |
| 5110 newsprint | 13 | ----- | ----- | 13 | ----- | ----- | ----- | ----- | ----- |
| 5120 paper & paperboard | 8 | ----- | 8 | ----- | ----- | ----- | ----- | 0 | ----- |
| 5190 paper products nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |

CARQUINEZ STRAIT, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | | | Canadian | | | |
|--|--------------|---------|----------|------------|--------------|----------|---------|------------|----------|
| | | Imports | Exports | Through | | Imports | Exports | Through | |
| | | | | Upbound | Downbnd | | | Upbound | Downbnd |
| Subtotal lime, cement and glass | 0 | ----- | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 5240 glass & glass prod. | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 5290 misc. mineral prod. | 0 | ----- | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| Subtotal primary iron and steel products | 971 | ----- | 0 | 811 | 160 | ----- | ----- | ----- | ----- |
| 5330 i&s plates & sheets | 806 | ----- | 0 | 805 | ----- | ----- | ----- | ----- | ----- |
| 5360 i&s bars & shapes | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 5370 i&s pipe & tube | 165 | ----- | ----- | 6 | 160 | ----- | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 1 | ----- | 1 | ----- | ----- | ----- | ----- | ----- | ----- |
| 5421 copper | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 5422 aluminum | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 5480 fab. metal products | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal primary wood products | 1 | ----- | 1 | ----- | ----- | ----- | ----- | ----- | ----- |
| 5540 primary wood prod. | 1 | ----- | 1 | ----- | ----- | ----- | ----- | ----- | ----- |
| Total food and farm products | 1,380 | ----- | 8 | 168 | 1,029 | ----- | ----- | 174 | 0 |
| Subtotal fish | 1 | ----- | 1 | ----- | ----- | ----- | ----- | ----- | 0 |
| 6134 fish (not shellfish) | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | 0 |
| 6136 shellfish | 1 | ----- | 1 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal grain | 1,150 | ----- | ----- | ----- | 981 | ----- | ----- | 170 | ----- |
| 6241 wheat | 348 | ----- | ----- | ----- | 348 | ----- | ----- | ----- | ----- |
| 6442 rice | 633 | ----- | ----- | ----- | 633 | ----- | ----- | ----- | ----- |
| 6443 barley & rye | 170 | ----- | ----- | ----- | ----- | ----- | ----- | 170 | ----- |
| Subtotal oilseeds | 40 | ----- | 0 | ----- | 40 | ----- | ----- | ----- | ----- |
| 6521 peanuts | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6590 oilseeds nec | 40 | ----- | 0 | ----- | 40 | ----- | ----- | ----- | ----- |
| Subtotal vegetable products | 8 | ----- | 0 | ----- | 8 | ----- | ----- | ----- | ----- |
| 6653 vegetable oils | 7 | ----- | 0 | ----- | 7 | ----- | ----- | ----- | ----- |
| 6654 vegetables & prod. | 0 | ----- | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal processed grain and animal feed | 10 | ----- | 0 | 6 | ----- | ----- | ----- | 4 | ----- |
| 6747 grain mill products | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |

CARQUINEZ STRAIT, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | | | Canadian | | | |
|---|------------|------------|------------|------------|----------|----------|---------|---------|---------|
| | | Imports | Exports | Through | | Imports | Exports | Through | |
| | | | | Upbound | Downbnd | | | Upbound | Downbnd |
| 6782 animal feed, prep. | 10 | ----- | 0 | 6 | ----- | ----- | ----- | 4 | ----- |
| Subtotal other agricultural products | 171 | ----- | 7 | 162 | 2 | ----- | ----- | ----- | ----- |
| 6811 meat, fresh, frozen | 1 | ----- | 1 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6822 dairy products | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6838 tallow, animal oils | 1 | ----- | ----- | ----- | 1 | ----- | ----- | ----- | ----- |
| 6839 animals & prod. nec | 0 | ----- | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 6857 fruit & nuts nec | 3 | ----- | 3 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6858 fruit juices | 1 | ----- | 1 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6861 sugar | 64 | ----- | ----- | 64 | ----- | ----- | ----- | ----- | ----- |
| 6865 molasses | 98 | ----- | ----- | 98 | ----- | ----- | ----- | ----- | ----- |
| 6885 alcoholic beverages | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6889 food products nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6891 tobacco & products | 1 | ----- | 1 | 0 | ----- | ----- | ----- | ----- | ----- |
| 6893 cotton | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6899 farm products nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 239 | 131 | 107 | 0 | 1 | ----- | ----- | ----- | ----- |
| 7110 machinery (not elec) | 5 | 4 | 1 | 0 | 0 | ----- | ----- | ----- | ----- |
| 7120 electrical machinery | 1 | 0 | 1 | 0 | ----- | ----- | ----- | ----- | ----- |
| 7210 vehicles & parts | 222 | 127 | 95 | 0 | 0 | ----- | ----- | ----- | ----- |
| 7220 aircraft & parts | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 7230 ships & boats | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 7300 ordnance & access. | 3 | 0 | 3 | ----- | 0 | ----- | ----- | ----- | ----- |
| 7400 manufac. wood prod. | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 7500 textile products | 6 | ----- | 6 | 0 | ----- | ----- | ----- | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 1 | 0 | 0 | 0 | 0 | ----- | ----- | ----- | ----- |

CARQUINEZ STRAIT, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | | | Canadian | | | |
|--|---------------|---------------|---------------|---------------|---------------|------------|------------|--------------|-----------|
| | | Imports | Exports | Through | | Imports | Exports | Through | |
| | | | | Upbound | Downbnd | | | Upbound | Downbnd |
| Total unknown or not elsewhere classified | 1 | 0 | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| 9900 unknown or nec | 1 | 0 | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| Ton-miles Foreign & Canadian (x1000) | 64,948 | 12,502 | 19,320 | 12,076 | 17,986 | 316 | 285 | 2,413 | 51 |

| Commodity | Total | Coastwise | | | |
|--|---------------|--------------|--------------|------------|------------|
| | | Receipts | Shipments | Through | |
| | | | | Upbound | Downbnd |
| Total, all commodities | 10,780 | 6,904 | 3,033 | 535 | 309 |
| Total petroleum and petroleum products | 9,420 | 6,112 | 2,973 | 31 | 304 |
| Subtotal crude petroleum | 4,806 | 4,697 | 26 | ----- | 83 |
| 2100 crude petroleum | 4,806 | 4,697 | 26 | ----- | 83 |
| Subtotal petroleum products | 4,614 | 1,415 | 2,947 | 31 | 220 |
| 2211 gasoline | 2,680 | 210 | 2,358 | ----- | 112 |
| 2330 distillate fuel oil | 660 | 363 | 216 | 22 | 59 |
| 2340 residual fuel oil | 1,136 | 831 | 255 | ----- | 49 |
| 2350 lube oil & greases | 61 | 1 | 50 | 10 | ----- |
| 2429 naphtha & solvents | 51 | 9 | 42 | ----- | ----- |
| 2430 asphalt, tar & pitch | 23 | ----- | 23 | ----- | ----- |
| 2990 petro. products nec | 2 | ----- | 2 | ----- | ----- |
| Total chemicals and related products | 741 | 179 | 60 | 502 | 1 |
| Subtotal fertilizers | 262 | ----- | ----- | 262 | ----- |
| 3110 nitrogenous fert. | 252 | ----- | ----- | 252 | ----- |
| 3190 fert. & mixes nec | 9 | ----- | ----- | 9 | ----- |
| Subtotal other chemicals and related products | 480 | 179 | 60 | 241 | 1 |
| 3212 benzene & toluene | 2 | ----- | 2 | ----- | ----- |
| 3220 alcohols | 16 | 12 | ----- | 4 | ----- |
| 3273 ammonia | 147 | ----- | ----- | 147 | ----- |
| 3274 sodium hydroxide | 99 | 10 | ----- | 89 | ----- |
| 3293 explosives | 1 | ----- | ----- | 0 | 1 |
| 3297 chemical additives | 215 | 157 | 58 | ----- | ----- |
| Total crude materials, inedible except fuels | 4 | ----- | ----- | ----- | 4 |
| Subtotal forest products, wood and chips | 4 | ----- | ----- | ----- | 4 |
| 4161 wood chips | 4 | ----- | ----- | ----- | 4 |

CARQUINEZ STRAIT, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Coastwise | | | |
|---|---------------|---------------|---------------|--------------------|--------------|
| | | Receipts | Shipments | Through Upbound | Downbnd |
| Total food and farm products | 613 | 613 | ----- | ----- | ----- |
| Subtotal other agricultural products | 613 | 613 | ----- | ----- | ----- |
| 6861 sugar | 613 | 613 | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 2 | ----- | ----- | 1 | 0 |
| 7300 ordnance & access. | 2 | ----- | ----- | 1 | 0 |
| Ton-miles (x1000) Coastwise | 66,264 | 41,414 | 18,946 | 3,743 | 2,162 |

| Commodity | Total | Internal | | | | | | | |
|--|--------------|--------------|------------|-----------|------------|--------------|------------|-----------|-----------|
| | | Inbound | | Outbound | | Through | | Intra | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| Total, all commodities | 6,059 | 3,160 | 139 | 31 | 735 | 1,382 | 495 | 45 | 73 |
| Total petroleum and petroleum products | 5,525 | 3,072 | 74 | 31 | 666 | 1,273 | 303 | 45 | 62 |
| Subtotal crude petroleum | 3,798 | 2,643 | ----- | ----- | 27 | 1,127 | ----- | ----- | ----- |
| 2100 crude petroleum | 3,798 | 2,643 | ----- | ----- | 27 | 1,127 | ----- | ----- | ----- |
| Subtotal petroleum products | 1,727 | 429 | 74 | 31 | 639 | 146 | 303 | 45 | 62 |
| 2211 gasoline | 180 | 87 | ----- | ----- | 55 | ----- | 14 | ----- | 24 |
| 2330 distillate fuel oil | 503 | 227 | 15 | ----- | 107 | 121 | 14 | 8 | 10 |
| 2340 residual fuel oil | 1,026 | 105 | 59 | 31 | 476 | 24 | 275 | 37 | 18 |
| 2429 naphtha & solvents | 19 | 9 | ----- | ----- | ----- | ----- | ----- | ----- | 9 |
| Total chemicals and related products | 28 | ----- | ----- | ----- | 16 | ----- | ----- | ----- | 12 |
| Subtotal other chemicals and related products | 28 | ----- | ----- | ----- | 16 | ----- | ----- | ----- | 12 |
| 3297 chemical additives | 28 | ----- | ----- | ----- | 16 | ----- | ----- | ----- | 12 |

CARQUINEZ STRAIT, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Internal | | | | | | | |
|---|---------------|---------------|----------------|----------|--------------|--------------|--------------|------------|------------|
| | | Inbound | | Outbound | | Through | | Intra | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| Total crude materials, inedible except fuels | 404 | 88 | 65 | ----- | 53 | 7 | 192 | ----- | ----- |
| Subtotal forest products, wood and chips | 1 | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| 4170 wood in the rough | 1 | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 397 | 88 | 65 | ----- | 53 | ----- | 192 | ----- | ----- |
| 4331 sand & gravel | 397 | 88 | 65 | ----- | 53 | ----- | 192 | ----- | ----- |
| Subtotal marine shells | 6 | ----- | ----- | ----- | ----- | 6 | ----- | ----- | ----- |
| 4515 marine shells | 6 | ----- | ----- | ----- | ----- | 6 | ----- | ----- | ----- |
| Total primary manufactured goods | 14 | ----- | ----- | ----- | ----- | 14 | ----- | ----- | ----- |
| Subtotal lime, cement and glass | 14 | ----- | ----- | ----- | ----- | 14 | ----- | ----- | ----- |
| 5290 misc. mineral prod. | 14 | ----- | ----- | ----- | ----- | 14 | ----- | ----- | ----- |
| Total food and farm products | 88 | ----- | ----- | ----- | ----- | 88 | ----- | ----- | ----- |
| Subtotal other agricultural products | 88 | ----- | ----- | ----- | ----- | 88 | ----- | ----- | ----- |
| 6865 molasses | 88 | ----- | ----- | ----- | ----- | 88 | ----- | ----- | ----- |
| Ton-miles Internal (x1000) | 39,414 | 21,354 | 101 | 0 | 4,195 | 9,675 | 3,462 | 200 | 428 |
| Tons All Traffic (x1000) | | | 26,118 | | | | | | |
| Ton-miles All Traffic (x1000) | | | 170,627 | | | | | | |

SUISUN BAY CHANNEL, CA

Section Included: Suisun Bay Channel from Suisun Point at west end of Benicia-Martinez Bridge to East Reach of Middleground Island thence to mouth of New York Slough. Controlling Depth: 35.0 feet from Suisun Point to Avon Wharf; 35.0 feet to Preston Point; 35.0 feet to Middle Point; 35.0 feet through East Reach Middleground Island, 38.0 to mouth of New York Slough, 35.0 thru New York Slough. Project Depth: 35 feet from Benicia-Martinez Bridge to Avon Pier, 30 feet for remainder of channel.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 6,547 | 1990 | 8,156 |
| 1986 | 5,905 | 1991 | 7,289 |
| 1987 | 9,038 | 1992 | 6,340 |
| 1988 | 8,356 | 1993 | 7,087 |
| 1989 | 7,508 | 1994 | 7,556 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | | | Canadian | |
|--|--------------|-----------|------------|--------------|--------------|------------|----------|
| | | Imports | Exports | Through | | Through | |
| | | | | Upbound | Downbnd | Upbound | Downbnd |
| Total, all commodities | 4,647 | 12 | 360 | 1,713 | 2,209 | 345 | 7 |
| Total coal | 42 | ----- | ----- | 42 | ----- | ----- | ----- |
| 1200 coal coke | 42 | ----- | ----- | 42 | ----- | ----- | ----- |
| Total petroleum and petroleum products | 879 | 12 | 360 | 47 | 460 | ----- | ----- |
| Subtotal crude petroleum | 17 | ----- | 17 | ----- | ----- | ----- | ----- |
| 2100 crude petroleum | 17 | ----- | 17 | ----- | ----- | ----- | ----- |
| Subtotal petroleum products | 862 | 12 | 342 | 47 | 460 | ----- | ----- |
| 2211 gasoline | 57 | ----- | 57 | ----- | ----- | ----- | ----- |
| 2330 distillate fuel oil | 76 | 12 | 16 | 47 | ----- | ----- | ----- |
| 2340 residual fuel oil | 28 | ----- | 28 | ----- | ----- | ----- | ----- |
| 2350 lube oil & greases | 0 | ----- | ----- | ----- | 0 | ----- | ----- |
| 2429 naphtha & solvents | 230 | ----- | 230 | ----- | ----- | ----- | ----- |
| 2430 asphalt, tar & pitch | 12 | ----- | 12 | ----- | ----- | ----- | ----- |
| 2540 petroleum coke | 460 | ----- | ----- | ----- | 460 | ----- | ----- |
| Total chemicals and related products | 511 | ----- | ----- | 257 | 83 | 171 | ----- |
| Subtotal fertilizers | 151 | ----- | ----- | 128 | ----- | 23 | ----- |
| 3110 nitrogenous fert. | 71 | ----- | ----- | 48 | ----- | 23 | ----- |
| 3190 fert. & mixes nec | 80 | ----- | ----- | 80 | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 360 | ----- | ----- | 129 | 83 | 148 | ----- |
| 3219 other hydrocarbons | 0 | ----- | ----- | 0 | ----- | ----- | ----- |
| 3220 alcohols | 0 | ----- | ----- | 0 | ----- | ----- | ----- |
| 3250 organo- inorgan. comp | 1 | ----- | ----- | 1 | ----- | ----- | ----- |
| 3271 sulphur (liquid) | 82 | ----- | ----- | ----- | 82 | ----- | ----- |
| 3273 ammonia | 264 | ----- | ----- | 125 | ----- | 139 | ----- |
| 3274 sodium hydroxide | 11 | ----- | ----- | 2 | ----- | 9 | ----- |

SUISUN BAY CHANNEL, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | | | Canadian | |
|---|--------------|---------|---------|------------|--------------|------------|----------|
| | | Imports | Exports | Through | | Through | |
| | | | | Upbound | Downbnd | Upbound | Downbnd |
| 3276 metallic salts | 3 | ----- | ----- | 1 | 2 | ----- | ----- |
| 3282 pigments & paints | 0 | ----- | ----- | 0 | ----- | ----- | ----- |
| 3285 perfumes & cleansers | 0 | ----- | ----- | ----- | 0 | ----- | ----- |
| 3286 plastics | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| Total crude materials, inedible except fuels | 858 | ----- | ----- | 374 | 477 | ----- | 7 |
| Subtotal forest products, wood and chips | 291 | ----- | ----- | 23 | 268 | ----- | ----- |
| 4150 fuel wood | 9 | ----- | ----- | ----- | 9 | ----- | ----- |
| 4161 wood chips | 219 | ----- | ----- | ----- | 219 | ----- | ----- |
| 4170 wood in the rough | 63 | ----- | ----- | 23 | 40 | ----- | ----- |
| 4189 lumber | 0 | ----- | ----- | ----- | 0 | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 306 | ----- | ----- | 299 | ----- | ----- | 7 |
| 4323 gypsum | 306 | ----- | ----- | 299 | ----- | ----- | 7 |
| Subtotal iron ore and scrap | 35 | ----- | ----- | ----- | 35 | ----- | ----- |
| 4420 iron & steel scrap | 35 | ----- | ----- | ----- | 35 | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 39 | ----- | ----- | 39 | ----- | ----- | ----- |
| 4680 non-ferrous scrap | 12 | ----- | ----- | 12 | ----- | ----- | ----- |
| 4690 non-ferrous ores nec | 27 | ----- | ----- | 27 | ----- | ----- | ----- |
| Subtotal sulphur, clay and salt | 186 | ----- | ----- | 13 | 173 | ----- | ----- |
| 4741 sulphur, (dry) | 144 | ----- | ----- | ----- | 144 | ----- | ----- |
| 4782 clay & refrac. mat. | 41 | ----- | ----- | 13 | 29 | ----- | ----- |
| Subtotal other non-metal. min. | 0 | ----- | ----- | 0 | ----- | ----- | ----- |
| 4900 non-metal. min. nec | 0 | ----- | ----- | 0 | ----- | ----- | ----- |
| Total primary manufactured goods | 985 | ----- | ----- | 825 | 160 | 0 | ----- |
| Subtotal paper products | 14 | ----- | ----- | 13 | ----- | 0 | ----- |
| 5110 newsprint | 13 | ----- | ----- | 13 | ----- | ----- | ----- |
| 5120 paper & paperboard | 0 | ----- | ----- | ----- | ----- | 0 | ----- |
| Subtotal lime, cement and glass | 0 | ----- | ----- | 0 | ----- | ----- | ----- |
| 5290 misc. mineral prod. | 0 | ----- | ----- | 0 | ----- | ----- | ----- |
| Subtotal primary iron and steel products | 971 | ----- | ----- | 811 | 160 | ----- | ----- |
| 5330 i&s plates & sheets | 805 | ----- | ----- | 805 | ----- | ----- | ----- |
| 5370 i&s pipe & tube | 165 | ----- | ----- | 6 | 160 | ----- | ----- |
| Total food and farm products | 1,371 | ----- | ----- | 168 | 1,029 | 174 | 0 |
| Subtotal fish | 0 | ----- | ----- | ----- | ----- | ----- | 0 |
| 6134 fish (not shellfish) | 0 | ----- | ----- | ----- | ----- | ----- | 0 |
| Subtotal grain | 1,150 | ----- | ----- | ----- | 981 | 170 | ----- |
| 6241 wheat | 348 | ----- | ----- | ----- | 348 | ----- | ----- |
| 6442 rice | 633 | ----- | ----- | ----- | 633 | ----- | ----- |
| 6443 barley & rye | 170 | ----- | ----- | ----- | ----- | 170 | ----- |
| Subtotal oilseeds | 40 | ----- | ----- | ----- | 40 | ----- | ----- |
| 6590 oilseeds nec | 40 | ----- | ----- | ----- | 40 | ----- | ----- |

SUISUN BAY CHANNEL, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | | | Canadian | |
|---|---------------|-----------|------------|---------------|---------------|--------------|------------|
| | | Imports | Exports | Through | | Through | |
| | | | | Upbound | Downbnd | Upbound | Downbnd |
| Subtotal vegetable products | 8 | ----- | ----- | ----- | | 8 | ----- |
| 6653 vegetable oils | 7 | ----- | ----- | ----- | | 7 | ----- |
| 6654 vegetables & prod. | 0 | ----- | ----- | ----- | | 0 | ----- |
| Subtotal processed grain and animal feed | 10 | ----- | ----- | 6 | ----- | 4 | ----- |
| 6782 animal feed, prep. | 10 | ----- | ----- | 6 | ----- | 4 | ----- |
| Subtotal other agricultural products | 164 | ----- | ----- | 162 | 2 | ----- | ----- |
| 6811 meat, fresh, frozen | 0 | ----- | ----- | ----- | 0 | ----- | ----- |
| 6838 tallow, animal oils | 1 | ----- | ----- | ----- | 1 | ----- | ----- |
| 6839 animals & prod. nec | 0 | ----- | ----- | 0 | ----- | ----- | ----- |
| 6857 fruit & nuts nec | 0 | ----- | ----- | ----- | 0 | ----- | ----- |
| 6861 sugar | 64 | ----- | ----- | 64 | ----- | ----- | ----- |
| 6865 molasses | 98 | ----- | ----- | 98 | ----- | ----- | ----- |
| 6891 tobacco & products | 0 | ----- | ----- | 0 | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 1 | 0 | 0 | 0 | 0 | ----- | ----- |
| 7110 machinery (not elec) | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| 7120 electrical machinery | 0 | ----- | ----- | 0 | ----- | ----- | ----- |
| 7210 vehicles & parts | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| 7300 ordnance & access. | 0 | ----- | 0 | ----- | 0 | ----- | ----- |
| 7500 textile products | 0 | 0 | ----- | 0 | ----- | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | ----- | ----- | 0 | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| Total unknown or not elsewhere classified | 0 | ----- | 0 | 0 | ----- | ----- | ----- |
| 9900 unknown or nec | 0 | ----- | 0 | 0 | ----- | ----- | ----- |
| Ton-miles (x1000) Foreign & Canadian | 64,860 | 24 | 720 | 25,693 | 33,142 | 5,171 | 109 |

| Commodity | Total | Coastwise | | | |
|---|------------|-----------|------------|------------|----------|
| | | Receipts | Shipments | Through | |
| | | | | Upbound | Downbnd |
| Total, all commodities | 843 | 37 | 305 | 498 | 4 |
| Total petroleum and petroleum products | 335 | 31 | 304 | ----- | ----- |
| Subtotal crude petroleum | 83 | ----- | 83 | ----- | ----- |
| 2100 crude petroleum | 83 | ----- | 83 | ----- | ----- |
| Subtotal petroleum products | 252 | 31 | 220 | ----- | ----- |
| 2211 gasoline | 112 | ----- | 112 | ----- | ----- |
| 2330 distillate fuel oil | 81 | 22 | 59 | ----- | ----- |
| 2340 residual fuel oil | 49 | ----- | 49 | ----- | ----- |

SUISUN BAY CHANNEL, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Coastwise | | | |
|---|--------------|-----------|------------|--------------|-----------|
| | | Receipts | Shipments | Through | |
| | | | | Upbound | Downbnd |
| 2350 lube oil & greases | 10 | 10 | ----- | ----- | ----- |
| Total chemicals and related products | 503 | 4 | 1 | 498 | ----- |
| Subtotal fertilizers | 262 | ----- | ----- | 262 | ----- |
| 3110 nitrogenous fert. | 252 | ----- | ----- | 252 | ----- |
| 3190 fert. & mixes nec | 9 | ----- | ----- | 9 | ----- |
| Subtotal other chemicals and related products | 241 | 4 | 1 | 236 | ----- |
| 3220 alcohols | 4 | 4 | ----- | ----- | ----- |
| 3273 ammonia | 147 | ----- | ----- | 147 | ----- |
| 3274 sodium hydroxide | 89 | ----- | ----- | 89 | ----- |
| 3293 explosives | 1 | 0 | 1 | ----- | ----- |
| Total crude materials, inedible except fuels | 4 | ----- | ----- | ----- | 4 |
| Subtotal forest products, wood and chips | 4 | ----- | ----- | ----- | 4 |
| 4161 wood chips | 4 | ----- | ----- | ----- | 4 |
| Total all manufactured equipment, machinery and products | 2 | 1 | 0 | ----- | ----- |
| 7300 ordnance & access. | 2 | 1 | 0 | ----- | ----- |
| Ton-miles (x1000) Coastwise | 8,140 | 79 | 529 | 7,467 | 64 |

| Commodity | Total | Internal | | | | |
|---|--------------|--------------|-----------|------------|------------|----------|
| | | Inbound | Outbound | | Through | |
| | | Upbound | Upbound | Downbnd | Upbound | Downbnd |
| Total, all commodities | 2,066 | 1,302 | 20 | 628 | 111 | 5 |
| Total petroleum and petroleum products | 1,681 | 1,302 | ----- | 377 | 2 | ----- |
| Subtotal crude petroleum | 1,127 | 1,127 | ----- | ----- | ----- | ----- |
| 2100 crude petroleum | 1,127 | 1,127 | ----- | ----- | ----- | ----- |
| Subtotal petroleum products | 554 | 175 | ----- | 377 | 2 | ----- |
| 2211 gasoline | 14 | ----- | ----- | 14 | ----- | ----- |
| 2330 distillate fuel oil | 150 | 121 | ----- | 29 | ----- | ----- |
| 2340 residual fuel oil | 389 | 54 | ----- | 334 | 2 | ----- |
| Total crude materials, inedible except fuels | 283 | ----- | 20 | 251 | 7 | 5 |
| Subtotal forest products, wood and chips | 0 | ----- | ----- | ----- | 0 | ----- |
| 4170 wood in the rough | 0 | ----- | ----- | ----- | 0 | ----- |
| Subtotal soil, sand, gravel, rock and stone | 276 | ----- | 20 | 251 | ----- | 5 |
| 4331 sand & gravel | 276 | ----- | 20 | 251 | ----- | 5 |
| Subtotal marine shells | 6 | ----- | ----- | ----- | 6 | ----- |
| 4515 marine shells | 6 | ----- | ----- | ----- | 6 | ----- |

SUISUN BAY CHANNEL, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Internal | | | | |
|---|------------------|--------------|------------|--------------|--------------|-----------|
| | | Inbound | Outbound | | Through | |
| | | Upbound | Upbound | Downbnd | Upbound | Downbnd |
| Total primary manufactured goods | 14 | ----- | ----- | ----- | 14 | ----- |
| Subtotal lime, cement and glass | 14 | ----- | ----- | ----- | 14 | ----- |
| 5290 misc. mineral prod. | 14 | ----- | ----- | ----- | 14 | ----- |
| Total food and farm products | 88 | ----- | ----- | ----- | 88 | ----- |
| Subtotal other agricultural products | 88 | ----- | ----- | ----- | 88 | ----- |
| 6865 molasses | 88 | ----- | ----- | ----- | 88 | ----- |
| Ton-miles (x1000) | 6,801 | | | | | |
| Internal | | 2,170 | 137 | 2,764 | 1,651 | 78 |
| Tons All Traffic (x1000) | 7,556 | | | | | |
| Ton-miles All Traffic (x1000) | 79,800 | | | | | |

HUMBOLDT HARBOR AND BAY, CA

Section Included: Entrance channel to bay and channels in bay between Arcata Wharf on the north and Fields Landing on the south. Controlling Depth: Bar entrance channel, 45.1 feet; channel between the jetties, 35.0 feet; channel at intersection of Fields Landing and North Bay Channel, 27.5 feet; North Bay Channel, 34.8 feet to Standard Oil Wharf at Bucksport, 34.5 feet for remainder of channel; Samoa Channel, 34.6 feet; 30.0 feet in Samoa Turning Basin; Eureka Channel, 29.3 feet to angle in channel, 11.5 feet to "D" Street, 8.9 feet to head of project; Fields Landing Channel, 26.3 feet to Buhne Point, 29.6 feet at Buhne Point; 28.0 feet to turning basin, 28.5 feet in turning basin, 19.6 feet in southeast corner of turning basin. Project Depth: Entrance channel, 40 feet; North Bay, Samoa, and lower portion of Eureka Channel 30 feet, upper portion of Eureka Channel and Fields Landing Channel, 26 feet.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 1,412 | 1990 | 1,600 |
| 1986 | 1,506 | 1991 | 2,301 |
| 1987 | 1,495 | 1992 | 1,311 |
| 1988 | 3,734 | 1993 | 994 |
| 1989 | 1,763 | 1994 | 1,407 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | | Domestic | | |
|--|--------------|-----------|------------|----------|-----------|------------|------------|------------|
| | | Imports | Exports | Imports | Exports | Total | Coastwise | |
| | | | | | | | Receipts | Shipments |
| Total, all commodities | 1,407 | 21 | 663 | 2 | 26 | 695 | 289 | 407 |
| Total petroleum and petroleum products | 275 | ----- | ----- | ----- | ----- | 275 | 275 | ----- |
| Subtotal petroleum products | 275 | ----- | ----- | ----- | ----- | 275 | 275 | ----- |
| 2211 gasoline | 229 | ----- | ----- | ----- | ----- | 229 | 229 | ----- |
| 2330 distillate fuel oil | 46 | ----- | ----- | ----- | ----- | 46 | 46 | ----- |
| Total chemicals and related products | 7 | ----- | 0 | ----- | ----- | 7 | 7 | ----- |
| Subtotal other chemicals and related products | 7 | ----- | 0 | ----- | ----- | 7 | 7 | ----- |
| 3274 sodium hydroxide | 7 | ----- | ----- | ----- | ----- | 7 | 7 | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3276 metallic salts | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3285 perfumes & cleansers | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3286 plastics | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 1,120 | 17 | 662 | 2 | 26 | 413 | 7 | 407 |
| Subtotal forest products, wood and chips | 957 | 17 | 511 | 2 | 13 | 413 | 7 | 407 |
| 4150 fuel wood | 2 | ----- | ----- | 2 | ----- | ----- | ----- | ----- |
| 4161 wood chips | 863 | ----- | 485 | ----- | 13 | 364 | ----- | 364 |
| 4170 wood in the rough | 34 | 17 | 11 | ----- | ----- | 7 | 7 | ----- |
| 4189 lumber | 58 | ----- | 15 | ----- | ----- | 42 | ----- | 42 |

HUMBOLDT HARBOR AND BAY, CA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | | Domestic | |
|---|----------------|----------|------------|----------|-----------|----------|---------------------------------|
| | | Imports | Exports | Imports | Exports | Total | Coastwise Receipts Shipments |
| Subtotal pulp and waste paper | 151 | ----- | 151 | ----- | ----- | ----- | ----- |
| 4225 pulp & waste paper | 151 | ----- | 151 | ----- | ----- | ----- | ----- |
| Subtotal sulphur, clay and salt | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 4782 clay & refrac. mat. | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal other non-metal. min. | 12 | ----- | ----- | ----- | 12 | ----- | ----- |
| 4900 non-metal. min. nec | 12 | ----- | ----- | ----- | 12 | ----- | ----- |
| Total primary manufactured goods | 4 | 4 | 0 | 0 | ----- | ----- | ----- |
| Subtotal lime, cement and glass | 0 | ----- | ----- | 0 | ----- | ----- | ----- |
| 5290 misc. mineral prod. | 0 | ----- | ----- | 0 | ----- | ----- | ----- |
| Subtotal primary iron and steel products | 4 | 4 | ----- | ----- | ----- | ----- | ----- |
| 5330 i&s plates & sheets | 4 | 4 | ----- | ----- | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 5480 fab. metal products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Total food and farm products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal vegetable products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6654 vegetables & prod. | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal other agricultural products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6857 fruit & nuts nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6858 fruit juices | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 1 | 0 | 1 | ----- | ----- | ----- | ----- |
| 7110 machinery (not elec) | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| 7120 electrical machinery | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 7210 vehicles & parts | 1 | ----- | 1 | ----- | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 0 | 0 | 0 | ----- | ----- | ----- | ----- |

Other Harbors and Waterways

| Harbor or Waterway | Commodity | Tons Thousand |
|--|-------------------------------|------------------|
| Project | | |
| BERKELEY, CA | No Commerce Reported | |
| BODEGA BAY, CA | No Commerce Reported | |
| CRESCENT CITY HARBOR, CA | No Commerce Reported | |
| MONTEREY HARBOR, CA | No Commerce Reported | |
| MOSS LANDING HARBOR, CA | No Commerce Reported | |
| NAPA RIVER, CA | 4331 sand & gravel | 80 |
| | Total Tons(x1000) | 80 |
| | Total Ton-miles(x1000) | 160 |
| NOYO RIVER, CA | No Commerce Reported | |
| PETALUMA RIVER, CA | 4331 sand & gravel | 192 |
| | 4515 marine shells | 17 |
| | 5290 misc. mineral prod. | 23 |
| | Total Tons(x1000) | 232 |
| | Total Ton-miles(x1000) | 2,430 |
| PILLAR POINT HARBOR, CA | No Commerce Reported | |
| SAN RAFAEL CREEK, CA | No Commerce Reported | |
| SANTA CRUZ HARBOR, CA | No Commerce Reported | |
| SUISUN CHANNEL, CA | 5290 misc. mineral prod. | 1 |
| | Total Tons(x1000) | 1 |
| | Total Ton-miles(x1000) | 17 |
| Non-project | | |
| OTHER SAN FRANCISCO BAY AREA PORTS, CA (NET) | 2100 crude petroleum | 13,411 |
| | 2221 kerosene | 80 |
| | 2330 distillate fuel oil | 3 |
| | 2340 residual fuel oil | 1,008 |
| | 2350 lube oil & greases | 35 |
| | 2429 naphtha & solvents | 278 |
| | 2430 asphalt, tar & pitch | 38 |
| | 3110 nitrogenous fert. | 2 |
| | 3260 organic comp. nec | 62 |
| | 3276 metallic salts | 2 |
| | 4225 pulp & waste paper | 2 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|---|---------------------------|------------------|
| Non-project | | |
| OTHER SAN FRANCISCO BAY AREA PORTS, CA (NET) - continued | 4331 sand & gravel | 825 |
| | 4515 marine shells | 23 |
| | 4690 non-ferrous ores nec | 0 |
| | 5480 fab. metal products | 0 |
| | 6442 rice | 20 |
| | 6654 vegetables & prod. | 0 |
| | 6747 grain mill products | 0 |
| | 6872 cocoa beans | 5 |
| | 6885 alcoholic beverages | 0 |
| | 7120 electrical machinery | 0 |
| | 7210 vehicles & parts | 2 |
| | 7500 textile products | 0 |
| | 7600 rubber & plastic pr. | 0 |
| | 7900 manufac. prod. nec | 0 |
| | 9900 unknown or nec | 0 |
| | Total Tons(x1000) | 15,797 |

HILO HARBOR, HI

Section Included: Port of Hilo. Controlling Depth: 34.0 feet. Project Depth: 35 feet.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 1,319 | 1990 | 1,690 |
| 1986 | 1,199 | 1991 | 1,556 |
| 1987 | 1,366 | 1992 | 1,588 |
| 1988 | 1,456 | 1993 | 1,469 |
| 1989 | 1,569 | 1994 | 1,455 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | | Domestic | | |
|--|----------------|-----------|----------|----------|--------------|------------|------------|
| | | Imports | Imports | Exports | Total | Coastwise | |
| | | | | | | Receipts | Shipments |
| Total, all commodities | 1,455 | 80 | 7 | 7 | 1,362 | 900 | 462 |
| Total coal | 42 | 42 | ----- | ----- | ----- | ----- | ----- |
| 1100 coal lignite | 42 | 42 | ----- | ----- | ----- | ----- | ----- |
| Total petroleum and petroleum products | 242 | ----- | ----- | ----- | 242 | 240 | 3 |
| Subtotal petroleum products | 242 | ----- | ----- | ----- | 242 | 240 | 3 |
| 2211 gasoline | 50 | ----- | ----- | ----- | 50 | 50 | ----- |
| 2330 distillate fuel oil | 86 | ----- | ----- | ----- | 86 | 84 | 3 |
| 2340 residual fuel oil | 90 | ----- | ----- | ----- | 90 | 90 | ----- |
| 2350 lube oil & greases | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 2640 liquid natural gas | 13 | ----- | ----- | ----- | 13 | 13 | ----- |
| 2990 petro. products nec | 2 | ----- | ----- | ----- | 2 | 2 | 0 |
| Total chemicals and related products | 25 | ----- | 4 | ----- | 21 | 17 | 4 |
| Subtotal fertilizers | 19 | ----- | 4 | ----- | 15 | 11 | 4 |
| 3110 nitrogenous fert. | 3 | ----- | 2 | ----- | 1 | 1 | ----- |
| 3130 potassic fert. | 3 | ----- | 2 | ----- | 1 | 1 | ----- |
| 3190 fert. & mixes nec | 12 | ----- | ----- | ----- | 12 | 8 | 4 |
| Subtotal other chemicals and related products | 6 | ----- | ----- | ----- | 6 | 6 | 0 |
| 3274 sodium hydroxide | 1 | ----- | ----- | ----- | 1 | 1 | ----- |
| 3281 radioactive material | 0 | ----- | ----- | ----- | 0 | ----- | 0 |
| 3282 pigments & paints | 1 | ----- | ----- | ----- | 1 | 1 | ----- |
| 3284 medicines | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 3285 perfumes & cleansers | 3 | ----- | ----- | ----- | 3 | 3 | 0 |
| 3286 plastics | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 3291 pesticides | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 3293 explosives | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 3299 chem. products nec | 0 | ----- | ----- | ----- | 0 | 0 | 0 |

HILO HARBOR, HI
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | | Domestic | | |
|---|----------------|--------------|--------------|--------------|------------|------------|--------------|
| | | Imports | Imports | Exports | Total | Coastwise | |
| | | | | | | Receipts | Shipments |
| Total crude materials, inedible except fuels | 23 | 6 | 0 | ----- | 16 | 14 | 2 |
| Subtotal forest products, wood and chips | 13 | ----- | 0 | ----- | 13 | 12 | 1 |
| 4150 fuel wood | 0 | ----- | 0 | ----- | 0 | 0 | 0 |
| 4170 wood in the rough | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 4189 lumber | 11 | ----- | ----- | ----- | 11 | 11 | 1 |
| 4190 forest products nec | 1 | ----- | ----- | ----- | 1 | 1 | ----- |
| Subtotal pulp and waste paper | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 4225 pulp & waste paper | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| Subtotal soil, sand, gravel, rock and stone | 7 | 6 | ----- | ----- | 0 | 0 | ----- |
| 4331 sand & gravel | 6 | 6 | ----- | ----- | ----- | ----- | ----- |
| 4338 soil & fill dirt | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| Subtotal iron ore and scrap | 3 | ----- | ----- | ----- | 3 | 1 | 1 |
| 4420 iron & steel scrap | 3 | ----- | ----- | ----- | 3 | 1 | 1 |
| Subtotal other non-metal. min. | 1 | ----- | ----- | ----- | 1 | 1 | ----- |
| 4900 non-metal. min. nec | 1 | ----- | ----- | ----- | 1 | 1 | ----- |
| Total primary manufactured goods | 490 | 32 | 2 | ----- | 456 | 289 | 167 |
| Subtotal paper products | 25 | ----- | 2 | ----- | 23 | 22 | 1 |
| 5110 newsprint | 2 | ----- | 2 | ----- | 0 | 0 | ----- |
| 5120 paper & paperboard | 1 | ----- | ----- | ----- | 1 | 1 | 0 |
| 5190 paper products nec | 22 | ----- | ----- | ----- | 22 | 21 | 1 |
| Subtotal lime, cement and glass | 52 | 32 | ----- | ----- | 21 | 20 | 0 |
| 5220 cement & concrete | 47 | 32 | ----- | ----- | 15 | 15 | ----- |
| 5240 glass & glass prod. | 0 | ----- | ----- | ----- | 0 | 0 | 0 |
| 5290 misc. mineral prod. | 5 | ----- | ----- | ----- | 5 | 5 | 0 |
| Subtotal primary iron and steel products | 2 | ----- | ----- | ----- | 2 | 2 | 0 |
| 5360 i&s bars & shapes | 1 | ----- | ----- | ----- | 1 | 1 | 0 |
| 5370 i&s pipe & tube | 1 | ----- | ----- | ----- | 1 | 0 | 0 |
| Subtotal primary non-ferrous metal products | 405 | ----- | 0 | ----- | 405 | 239 | 166 |
| 5480 fab. metal products | 405 | ----- | 0 | ----- | 405 | 239 | 166 |
| Subtotal primary wood products | 5 | ----- | 0 | ----- | 5 | 5 | ----- |
| 5540 primary wood prod. | 5 | ----- | 0 | ----- | 5 | 5 | ----- |
| Total food and farm products | 352 | ----- | 0 | 7 | 345 | 134 | 211 |
| Subtotal fish | 0 | ----- | ----- | 0 | 0 | 0 | ----- |
| 6134 fish (not shellfish) | 0 | ----- | ----- | 0 | 0 | 0 | ----- |
| Subtotal grain | 5 | ----- | ----- | ----- | 5 | 5 | 0 |
| 6442 rice | 5 | ----- | ----- | ----- | 5 | 5 | 0 |
| Subtotal vegetable products | 29 | ----- | ----- | ----- | 29 | 12 | 17 |
| 6654 vegetables & prod. | 29 | ----- | ----- | ----- | 29 | 12 | 17 |

HILO HARBOR, HI
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | | Domestic | | |
|---|----------------|---------|----------|----------|------------|------------|------------|
| | | Imports | Imports | Exports | Total | Coastwise | |
| | | | | | | Receipts | Shipments |
| Subtotal processed grain and animal feed | 10 | ----- | ----- | ----- | 10 | 10 | 0 |
| 6746 wheat flour | 1 | ----- | ----- | ----- | 1 | 1 | 0 |
| 6747 grain mill products | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 6781 hay & fodder | 1 | ----- | ----- | ----- | 1 | 1 | ----- |
| 6782 animal feed, prep. | 8 | ----- | ----- | ----- | 8 | 8 | 0 |
| Subtotal other agricultural products | 309 | ----- | 0 | 7 | 302 | 108 | 194 |
| 6811 meat, fresh, frozen | 10 | ----- | ----- | ----- | 10 | 10 | 0 |
| 6822 dairy products | 1 | ----- | ----- | ----- | 1 | 1 | ----- |
| 6839 animals & prod. nec | 11 | ----- | 0 | 7 | 4 | 1 | 3 |
| 6856 bananas & plantains | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 6857 fruit & nuts nec | 4 | ----- | ----- | ----- | 4 | 1 | 3 |
| 6858 fruit juices | 3 | ----- | ----- | ----- | 3 | 0 | 3 |
| 6861 sugar | 128 | ----- | ----- | ----- | 128 | ----- | 128 |
| 6865 molasses | 11 | ----- | ----- | ----- | 11 | ----- | 11 |
| 6871 coffee | 0 | ----- | ----- | ----- | 0 | 0 | 0 |
| 6885 alcoholic beverages | 12 | ----- | ----- | ----- | 12 | 12 | 0 |
| 6887 groceries | 10 | ----- | ----- | ----- | 10 | 10 | 0 |
| 6889 food products nec | 112 | ----- | ----- | ----- | 112 | 72 | 41 |
| 6891 tobacco & products | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 6899 farm products nec | 6 | ----- | ----- | ----- | 6 | 0 | 5 |
| Total all manufactured equipment, machinery and products | 281 | ----- | 0 | ----- | 281 | 206 | 75 |
| 7110 machinery (not elec) | 6 | ----- | ----- | ----- | 6 | 5 | 1 |
| 7120 electrical machinery | 1 | ----- | ----- | ----- | 1 | 1 | 0 |
| 7210 vehicles & parts | 120 | ----- | ----- | ----- | 120 | 84 | 36 |
| 7220 aircraft & parts | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 7230 ships & boats | 1 | ----- | ----- | ----- | 1 | 1 | 0 |
| 7300 ordnance & access. | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 7400 manufac. wood prod. | 22 | ----- | ----- | ----- | 22 | 9 | 13 |
| 7500 textile products | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 7600 rubber & plastic pr. | 4 | ----- | ----- | ----- | 4 | 3 | 0 |
| 7900 manufac. prod. nec | 127 | ----- | 0 | ----- | 127 | 102 | 25 |
| Total unknown or not elsewhere classified | 1 | ----- | ----- | ----- | 1 | 1 | ----- |
| 9900 unknown or nec | 1 | ----- | ----- | ----- | 1 | 1 | ----- |

KAWAIHAE HARBOR, HI

Section Included: Port of Kawaihae. Controlling Depth: 42.0 feet in entrance channel and 36.0 feet in harbor basin.
 Project Depth: Harbor basin 35 feet; entrance channel 40 feet.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 527 | 1990 | 887 |
| 1986 | 592 | 1991 | 745 |
| 1987 | 871 | 1992 | 790 |
| 1988 | 655 | 1993 | 655 |
| 1989 | 732 | 1994 | 736 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Coastwise | |
|--|----------------|------------|------------|
| | | Receipts | Shipments |
| Total, all commodities | 735 | 526 | 209 |
| Total petroleum and petroleum products | 0 | 0 | 0 |
| Subtotal petroleum products | 0 | 0 | 0 |
| 2990 petro. products nec | 0 | 0 | 0 |
| Total chemicals and related products | 4 | 3 | 0 |
| Subtotal fertilizers | 2 | 2 | 0 |
| 3190 fert. & mixes nec | 2 | 2 | 0 |
| Subtotal other chemicals and related products | 1 | 1 | 0 |
| 3281 radioactive material | 0 | 0 | 0 |
| 3282 pigments & paints | 0 | 0 | 0 |
| 3285 perfumes & cleansers | 0 | 0 | 0 |
| 3286 plastics | 1 | 1 | 0 |
| 3291 pesticides | 0 | 0 | 0 |
| 3293 explosives | 0 | 0 | 0 |
| 3299 chem. products nec | 0 | 0 | 0 |
| Total crude materials, inedible except fuels | 9 | 8 | 1 |
| Subtotal forest products, wood and chips | 6 | 5 | 1 |
| 4150 fuel wood | 0 | 0 | 0 |
| 4170 wood in the rough | 0 | 0 | 0 |
| 4189 lumber | 6 | 5 | 1 |
| 4190 forest products nec | 0 | 0 | 0 |
| Subtotal pulp and waste paper | 0 | 0 | 0 |
| 4225 pulp & waste paper | 0 | 0 | 0 |
| Subtotal soil, sand, gravel, rock and stone | 2 | 2 | 0 |
| 4331 sand & gravel | 2 | 2 | 0 |
| 4338 soil & fill dirt | 0 | 0 | 0 |
| Subtotal iron ore and scrap | 1 | 0 | 1 |
| 4420 iron & steel scrap | 1 | 0 | 1 |

KAWAIHAE HARBOR, HI
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Coastwise | |
|---|----------------|----------------|------------|
| | | Receipts | Shipments |
| Subtotal other non-metal. min. | 0 | 0 ----- | |
| 4900 non-metal. min. nec | 0 | 0 ----- | |
| Total primary manufactured goods | 417 | 316 | 101 |
| Subtotal paper products | 5 | 3 | 2 |
| 5110 newsprint | 0 | 0 ----- | |
| 5120 paper & paperboard | 0 | 0 ----- | |
| 5190 paper products nec | 4 | 2 | 2 |
| Subtotal lime, cement and glass | 33 | 33 | 0 |
| 5220 cement & concrete | 27 | 27 | 0 |
| 5240 glass & glass prod. | 0 | 0 | 0 |
| 5290 misc. mineral prod. | 6 | 6 | 0 |
| Subtotal primary iron and steel products | 2 | 2 | 0 |
| 5360 i&s bars & shapes | 1 | 1 | 0 |
| 5370 i&s pipe & tube | 0 | 0 ----- | |
| Subtotal primary non-ferrous metal products | 377 | 277 | 100 |
| 5480 fab. metal products | 377 | 277 | 100 |
| Subtotal primary wood products | 1 | 1 ----- | |
| 5540 primary wood prod. | 1 | 1 ----- | |
| Total food and farm products | 103 | 58 | 45 |
| Subtotal fish | 0 | 0 ----- | |
| 6134 fish (not shellfish) | 0 | 0 ----- | |
| Subtotal grain | 1 | 1 ----- | |
| 6442 rice | 1 | 1 ----- | |
| Subtotal vegetable products | 7 | 4 | 3 |
| 6654 vegetables & prod. | 7 | 4 | 3 |
| Subtotal processed grain and animal feed | 8 | 8 | 0 |
| 6746 wheat flour | 0 | 0 ----- | |
| 6747 grain mill products | 0 | 0 ----- | |
| 6781 hay & fodder | 1 | 1 ----- | |
| 6782 animal feed, prep. | 7 | 7 | 0 |
| Subtotal other agricultural products | 87 | 45 | 42 |
| 6811 meat, fresh, frozen | 1 | 1 ----- | |
| 6822 dairy products | 0 | 0 ----- | |
| 6839 animals & prod. nec | 18 | 4 | 13 |
| 6857 fruit & nuts nec | 0 | 0 ----- | |
| 6871 coffee | 0 | ----- | 0 |
| 6885 alcoholic beverages | 9 | 9 ----- | |
| 6887 groceries | 1 | 1 | 0 |
| 6889 food products nec | 57 | 29 | 28 |
| 6899 farm products nec | 1 | 0 | 1 |
| Total all manufactured equipment, machinery and products | 202 | 141 | 61 |
| 7110 machinery (not elec) | 2 | 1 | 0 |
| 7120 electrical machinery | 0 | 0 | 0 |
| 7210 vehicles & parts | 114 | 75 | 39 |
| 7220 aircraft & parts | 0 | 0 | 0 |
| 7230 ships & boats | 4 | 4 | 1 |

KAWAIHAE HARBOR, HI
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Coastwise | |
|---------------------------|-------------|-----------|-----------|
| | | Receipts | Shipments |
| 7300 ordnance & access. | 0 | 0 | ----- |
| 7400 manufac. wood prod. | 8 | 2 | 6 |
| 7500 textile products | 0 | 0 | ----- |
| 7600 rubber & plastic pr. | 1 | 1 | 0 |
| 7900 manufac. prod. nec | 74 | 59 | 15 |

KAHULUI HARBOR, MAUI, HI

Section Included: Port of Kahului. Controlling Depth: 34.0 feet. Project Depth: 35 feet.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 1,517 | 1990 | 2,409 |
| 1986 | 1,627 | 1991 | 2,434 |
| 1987 | 2,035 | 1992 | 2,357 |
| 1988 | 2,157 | 1993 | 2,216 |
| 1989 | 2,279 | 1994 | 2,368 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | | Domestic | | |
|---|--------------|-----------|----------|----------|--------------|--------------|------------|
| | | Imports | Imports | Exports | Total | Coastwise | |
| | | | | | | Receipts | Shipments |
| Total, all commodities | 2,368 | 23 | 5 | 1 | 2,339 | 1,467 | 873 |
| Total coal | 18 | 18 | ----- | ----- | ----- | ----- | ----- |
| 1100 coal lignite | 18 | 18 | ----- | ----- | ----- | ----- | ----- |
| Total petroleum and petroleum products | 297 | ----- | ----- | ----- | 297 | 289 | 8 |
| Subtotal petroleum products | 297 | ----- | ----- | ----- | 297 | 289 | 8 |
| 2211 gasoline | 82 | ----- | ----- | ----- | 82 | 82 | ----- |
| 2330 distillate fuel oil | 128 | ----- | ----- | ----- | 128 | 127 | 1 |
| 2340 residual fuel oil | 73 | ----- | ----- | ----- | 73 | 66 | 7 |
| 2350 lube oil & greases | 1 | ----- | ----- | ----- | 1 | 1 | ----- |
| 2430 asphalt, tar & pitch | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 2640 liquid natural gas | 12 | ----- | ----- | ----- | 12 | 12 | ----- |
| 2990 petro. products nec | 1 | ----- | ----- | ----- | 1 | 1 | 0 |
| Total chemicals and related products | 32 | ----- | 5 | ----- | 27 | 27 | 0 |
| Subtotal fertilizers | 23 | ----- | 5 | ----- | 18 | 18 | 0 |
| 3110 nitrogenous fert. | 5 | ----- | 4 | ----- | 1 | 1 | ----- |

KAHULUI HARBOR, MAUI, HI
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | | Domestic | | |
|--|----------------|----------|----------|---------|------------|------------|------------|
| | | Imports | Imports | Exports | Total | Coastwise | |
| | | | | | | Receipts | Shipments |
| 3130 potassic fert. | 1 | ----- | ----- | 1 | ----- | ----- | ----- |
| 3190 fert. & mixes nec | 17 | ----- | ----- | ----- | 17 | 17 | 0 |
| Subtotal other chemicals and related products | 9 | ----- | ----- | ----- | 9 | 8 | 0 |
| 3220 alcohols | 1 | ----- | ----- | ----- | 1 | 1 | ----- |
| 3260 organic comp. nec | 0 | ----- | ----- | ----- | 0 | ----- | 0 |
| 3272 sulphuric acid | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 3274 sodium hydroxide | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 3282 pigments & paints | 1 | ----- | ----- | ----- | 1 | 1 | ----- |
| 3284 medicines | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 3285 perfumes & cleansers | 3 | ----- | ----- | ----- | 3 | 3 | 0 |
| 3286 plastics | 1 | ----- | ----- | ----- | 1 | 1 | 0 |
| 3291 pesticides | 1 | ----- | ----- | ----- | 1 | 1 | ----- |
| 3293 explosives | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 3299 chem. products nec | 1 | ----- | ----- | ----- | 1 | 1 | 0 |
| Total crude materials, inedible except fuels | 128 | 5 | ----- | ----- | 123 | 119 | 3 |
| Subtotal forest products, wood and chips | 21 | ----- | ----- | ----- | 21 | 21 | 1 |
| 4150 fuel wood | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 4170 wood in the rough | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 4189 lumber | 21 | ----- | ----- | ----- | 21 | 20 | 1 |
| 4190 forest products nec | 1 | ----- | ----- | ----- | 1 | 1 | ----- |
| Subtotal pulp and waste paper | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 4225 pulp & waste paper | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| Subtotal soil, sand, gravel, rock and stone | 95 | 5 | ----- | ----- | 89 | 89 | ----- |
| 4331 sand & gravel | 94 | 5 | ----- | ----- | 88 | 88 | ----- |
| 4338 soil & fill dirt | 1 | ----- | ----- | ----- | 1 | 1 | ----- |
| Subtotal iron ore and scrap | 9 | ----- | ----- | ----- | 9 | 7 | 3 |
| 4420 iron & steel scrap | 9 | ----- | ----- | ----- | 9 | 7 | 3 |
| Subtotal other non-metal. min. | 2 | ----- | ----- | ----- | 2 | 2 | ----- |
| 4900 non-metal. min. nec | 2 | ----- | ----- | ----- | 2 | 2 | ----- |
| Total primary manufactured goods | 787 | ----- | 0 | ----- | 787 | 507 | 280 |
| Subtotal paper products | 23 | ----- | ----- | ----- | 23 | 23 | 0 |
| 5110 newsprint | 1 | ----- | ----- | ----- | 1 | 1 | ----- |
| 5120 paper & paperboard | 1 | ----- | ----- | ----- | 1 | 1 | ----- |
| 5190 paper products nec | 21 | ----- | ----- | ----- | 21 | 21 | 0 |
| Subtotal lime, cement and glass | 67 | ----- | ----- | ----- | 67 | 67 | 0 |
| 5220 cement & concrete | 48 | ----- | ----- | ----- | 48 | 48 | 0 |
| 5240 glass & glass prod. | 0 | ----- | ----- | ----- | 0 | 0 | 0 |
| 5290 misc. mineral prod. | 19 | ----- | ----- | ----- | 19 | 19 | 0 |
| Subtotal primary iron and steel products | 8 | ----- | ----- | ----- | 8 | 8 | 0 |
| 5360 i&s bars & shapes | 2 | ----- | ----- | ----- | 2 | 2 | 0 |

KAHULUI HARBOR, MAUI, HI
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | | Domestic | |
|---|----------------|---------|----------|----------|------------|------------|
| | | Imports | Imports | Exports | Total | Coastwise |
| | | | | | Receipts | Shipments |
| 5370 i&s pipe & tube | 6 | ----- | ----- | ----- | 6 | 6 |
| Subtotal primary non-ferrous metal products | 682 | ----- | 0 | ----- | 682 | 403 |
| 5480 fab. metal products | 682 | ----- | 0 | ----- | 682 | 403 |
| Subtotal primary wood products | 7 | ----- | 0 | ----- | 7 | 7 |
| 5540 primary wood prod. | 7 | ----- | 0 | ----- | 7 | 7 |
| Total food and farm products | 640 | ----- | 0 | 1 | 639 | 204 |
| Subtotal fish | 0 | ----- | ----- | ----- | 0 | 0 |
| 6134 fish (not shellfish) | 0 | ----- | ----- | ----- | 0 | 0 |
| Subtotal grain | 3 | ----- | ----- | ----- | 3 | 3 |
| 6442 rice | 3 | ----- | ----- | ----- | 3 | 3 |
| Subtotal vegetable products | 18 | ----- | ----- | ----- | 18 | 12 |
| 6654 vegetables & prod. | 18 | ----- | ----- | ----- | 18 | 12 |
| Subtotal processed grain and animal feed | 13 | ----- | ----- | ----- | 13 | 13 |
| 6746 wheat flour | 1 | ----- | ----- | ----- | 1 | 1 |
| 6747 grain mill products | 0 | ----- | ----- | ----- | 0 | 0 |
| 6781 hay & fodder | 1 | ----- | ----- | ----- | 1 | 1 |
| 6782 animal feed, prep. | 11 | ----- | ----- | ----- | 11 | 11 |
| Subtotal other agricultural products | 605 | ----- | 0 | 1 | 605 | 176 |
| 6811 meat, fresh, frozen | 7 | ----- | ----- | ----- | 7 | 6 |
| 6822 dairy products | 3 | ----- | ----- | ----- | 3 | 3 |
| 6839 animals & prod. nec | 8 | ----- | 0 | 1 | 7 | 3 |
| 6856 bananas & plantains | 0 | ----- | ----- | ----- | 0 | 0 |
| 6857 fruit & nuts nec | 1 | ----- | ----- | ----- | 1 | 1 |
| 6858 fruit juices | 107 | ----- | ----- | ----- | 107 | 0 |
| 6861 sugar | 261 | ----- | ----- | ----- | 261 | ----- |
| 6865 molasses | 43 | ----- | ----- | ----- | 43 | ----- |
| 6871 coffee | 0 | ----- | ----- | ----- | 0 | 0 |
| 6885 alcoholic beverages | 22 | ----- | ----- | ----- | 22 | 22 |
| 6887 groceries | 10 | ----- | ----- | ----- | 10 | 10 |
| 6889 food products nec | 144 | ----- | ----- | ----- | 144 | 131 |
| 6899 farm products nec | 1 | ----- | ----- | ----- | 1 | 1 |
| Total all manufactured equipment, machinery and products | 467 | ----- | ----- | ----- | 467 | 321 |
| 7110 machinery (not elec) | 9 | ----- | ----- | ----- | 9 | 7 |
| 7120 electrical machinery | 1 | ----- | ----- | ----- | 1 | 1 |
| 7210 vehicles & parts | 229 | ----- | ----- | ----- | 229 | 141 |
| 7220 aircraft & parts | 0 | ----- | ----- | ----- | 0 | 0 |
| 7230 ships & boats | 3 | ----- | ----- | ----- | 3 | 2 |
| 7300 ordnance & access. | 0 | ----- | ----- | ----- | 0 | 0 |
| 7400 manufac. wood prod. | 28 | ----- | ----- | ----- | 28 | 7 |
| 7500 textile products | 0 | ----- | ----- | ----- | 0 | 0 |
| 7600 rubber & plastic pr. | 5 | ----- | ----- | ----- | 5 | 4 |
| 7900 manufac. prod. nec | 193 | ----- | ----- | ----- | 193 | 158 |

KAHULUI HARBOR, MAUI, HI
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | | Domestic | |
|--|-------------|---------|----------|---------|----------|----------------|
| | | Imports | Imports | Exports | Total | Coastwise |
| | | | | | Receipts | Shipments |
| Total unknown or not elsewhere classified | 1 | ----- | ----- | ----- | 1 | 1 ----- |
| 9900 unknown or nec | 1 | ----- | ----- | ----- | 1 | 1 ----- |

BARBERS POINT HARBOR, OAHU, HI

Section Included: Barbers Point Harbor. Controlling Depth: 42 feet in the entrance channel and 37 feet in the main access channel and basin. Projects Depth: 42 feet in the entrance channel; 38 feet in the deep-draft harbor main access channel and basin; 21 feet in light-draft harbor basin. Deep draft anchorage(foreign and pipeline).

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 6,752 | 1990 | 8,034 |
| 1986 | 5,629 | 1991 | 9,002 |
| 1987 | 7,135 | 1992 | 8,824 |
| 1988 | 7,511 | 1993 | 9,357 |
| 1989 | 7,374 | 1994 | 9,022 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | | Domestic | | | Internal Intra Upbound |
|--|----------------|---------|---------|----------|-----------|-----------|------------------------------|
| | | Imports | Exports | Total | Coastwise | Shipments | |
| | | | | Receipts | | | |
| Total, all commodities | 9,022 | 4,255 | 799 | 3,969 | 3,194 | 765 | 9 |
| Total coal | 325 | 325 | ----- | ----- | ----- | ----- | ----- |
| 1100 coal lignite | 325 | 325 | ----- | ----- | ----- | ----- | ----- |
| Total petroleum and petroleum products | 8,431 | 3,834 | 716 | 3,882 | 3,190 | 683 | 9 |
| Subtotal crude petroleum | 6,929 | 3,793 | ----- | 3,136 | 3,136 | ----- | ----- |
| 2100 crude petroleum | 6,929 | 3,793 | ----- | 3,136 | 3,136 | ----- | ----- |
| Subtotal petroleum products | 1,502 | 40 | 716 | 746 | 54 | 683 | 9 |
| 2211 gasoline | 292 | ----- | 94 | 198 | 5 | 194 | ----- |
| 2330 distillate fuel oil | 141 | ----- | 30 | 111 | 19 | 92 | 0 |
| 2340 residual fuel oil | 517 | ----- | 160 | 357 | 20 | 328 | 9 |
| 2350 lube oil & greases | 10 | ----- | ----- | 10 | 10 | ----- | ----- |
| 2429 naphtha & solvents | 509 | 40 | 432 | 37 | ----- | 37 | ----- |
| 2640 liquid natural gas | 33 | ----- | ----- | 33 | 0 | 33 | ----- |

BARBERS POINT HARBOR, OAHU, HI
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Domestic | | | Internal Intra Upbound |
|---|----------------|-----------|-----------|-----------|-----------|-----------|------------------------------|
| | | Imports | Exports | Total | Coastwise | | |
| | | | | | Receipts | Shipments | |
| Total crude materials, inedible except fuels | 100 | 11 | 83 | 7 | 4 | 3 | ----- |
| Subtotal soil, sand, gravel, rock and stone | 13 | 11 | ----- | 2 | 1 | 1 | ----- |
| 4323 gypsum | 11 | 11 | ----- | ----- | ----- | ----- | ----- |
| 4331 sand & gravel | 2 | ----- | ----- | 2 | 1 | 1 | ----- |
| Subtotal iron ore and scrap | 87 | ----- | 83 | 5 | 4 | 1 | ----- |
| 4420 iron & steel scrap | 87 | ----- | 83 | 5 | 4 | 1 | ----- |
| Total primary manufactured goods | 164 | 84 | ----- | 80 | ----- | 80 | ----- |
| Subtotal lime, cement and glass | 164 | 84 | ----- | 80 | ----- | 80 | ----- |
| 5220 cement & concrete | 164 | 84 | ----- | 80 | ----- | 80 | ----- |
| Subtotal primary iron and steel products | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 5390 primary i&s nec | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 5480 fab. metal products | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| Total food and farm products | 1 | 1 | ----- | ----- | ----- | ----- | ----- |
| Subtotal fish | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 6136 shellfish | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| Subtotal other agricultural products | 1 | 1 | ----- | ----- | ----- | ----- | ----- |
| 6811 meat, fresh, frozen | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 6822 dairy products | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 6885 alcoholic beverages | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 0 | 0 | ----- | 0 | 0 | ----- | ----- |
| 7110 machinery (not elec) | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| 7900 manufac. prod. nec | 0 | 0 | ----- | ----- | ----- | ----- | ----- |

HONOLULU HARBOR, OAHU, HI

Section Included: Port of Honolulu. Controlling Depth: 45.0 feet in the entrance channel; 40.0 feet in the main harbor basin; 40.0 feet in Kapalama Basin; 40.0 feet in the connecting channel. Project Depth: 45.0 feet in the entrance channel; 40 feet in harbor basin, connecting channel; 23.0 feet in Kalihi Channel.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|--------|------|--------|
| 1985 | 7,986 | 1990 | 11,341 |
| 1986 | 8,604 | 1991 | 11,208 |
| 1987 | 9,737 | 1992 | 11,522 |
| 1988 | 10,655 | 1993 | 10,595 |
| 1989 | 10,360 | 1994 | 11,672 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | | |
|---|----------------|--------------|------------|-----------|--------------|--------------|--------------|------------|
| | | Imports | Exports | Imports | Total | Coastwise | Internal | |
| | | | | | Receipts | Shipments | Intraport | |
| Total, all commodities | 11,672 | 1,413 | 301 | 43 | 9,915 | 5,558 | 4,230 | 127 |
| Total coal | 242 | 242 | ----- | ----- | 0 | 0 | ----- | ----- |
| 1100 coal lignite | 242 | 242 | ----- | ----- | ----- | ----- | ----- | ----- |
| 1200 coal coke | 0 | ----- | ----- | ----- | 0 | 0 | ----- | ----- |
| Total petroleum and petroleum products | 2,096 | 993 | 164 | ----- | 940 | 531 | 298 | 110 |
| Subtotal crude petroleum | 896 | 896 | ----- | ----- | ----- | ----- | ----- | ----- |
| 2100 crude petroleum | 896 | 896 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal petroleum products | 1,200 | 97 | 164 | ----- | 940 | 531 | 298 | 110 |
| 2211 gasoline | 262 | ----- | 53 | ----- | 210 | 146 | 53 | 10 |
| 2221 kerosene | 65 | 65 | ----- | ----- | ----- | ----- | ----- | ----- |
| 2330 distillate fuel oil | 134 | ----- | ----- | ----- | 134 | 23 | 109 | 1 |
| 2340 residual fuel oil | 550 | ----- | 7 | ----- | 543 | 331 | 113 | 99 |
| 2350 lube oil & greases | 20 | 0 | ----- | ----- | 20 | 8 | 12 | ----- |
| 2410 petro. jelly & waxes | 0 | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| 2429 naphtha & solvents | 137 | 32 | 105 | ----- | 0 | 0 | ----- | ----- |
| 2430 asphalt, tar & pitch | 0 | ----- | ----- | ----- | 0 | ----- | 0 | ----- |
| 2540 petroleum coke | 0 | ----- | ----- | ----- | 0 | 0 | ----- | ----- |
| 2640 liquid natural gas | 13 | ----- | ----- | ----- | 13 | 7 | 5 | 0 |
| 2990 petro. products nec | 20 | ----- | ----- | ----- | 20 | 16 | 4 | ----- |
| Total chemicals and related products | 251 | 3 | 1 | ----- | 247 | 188 | 60 | ----- |
| Subtotal fertilizers | 87 | 0 | 0 | ----- | 86 | 54 | 32 | ----- |
| 3110 nitrogenous fert. | 0 | ----- | ----- | ----- | 0 | 0 | ----- | ----- |
| 3130 potassic fert. | 0 | ----- | ----- | ----- | 0 | 0 | ----- | ----- |
| 3190 fert. & mixes nec | 87 | 0 | 0 | ----- | 86 | 54 | 32 | ----- |

HONOLULU HARBOR, OAHU, HI
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | | |
|--|----------------|-----------|-----------|----------|------------|------------|------------|-----------|
| | | Imports | Exports | Imports | Total | Coastwise | Internal | |
| | | | | | Receipts | Shipments | Intraport | |
| Subtotal other chemicals and related products | 164 | 3 | 0 | ----- | 161 | 134 | 28 | ----- |
| 3211 acyclic hydrocarbons | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 3219 other hydrocarbons | 1 | ----- | 0 | ----- | 1 | 1 | ----- | ----- |
| 3220 alcohols | 2 | ----- | 0 | ----- | 2 | 2 | ----- | ----- |
| 3230 carboxylic acids | 0 | ----- | ----- | ----- | 0 | 0 | ----- | ----- |
| 3240 nitrogen func. comp. | 0 | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| 3250 organo- inorgan. comp | 0 | ----- | ----- | ----- | 0 | 0 | ----- | ----- |
| 3260 organic comp. nec | 0 | 0 | 0 | ----- | 0 | 0 | 0 | ----- |
| 3272 sulphuric acid | 0 | ----- | ----- | ----- | 0 | ----- | 0 | ----- |
| 3274 sodium hydroxide | 10 | ----- | ----- | ----- | 10 | 10 | ----- | ----- |
| 3275 inorg. elem.,oxides, & halogen salts | 2 | 0 | 0 | ----- | 2 | 2 | 0 | ----- |
| 3276 metallic salts | 0 | 0 | 0 | ----- | 0 | 0 | ----- | ----- |
| 3281 radioactive material | 2 | ----- | ----- | ----- | 2 | 0 | 2 | ----- |
| 3282 pigments & paints | 26 | 0 | 0 | ----- | 26 | 22 | 3 | ----- |
| 3283 coloring mat. nec | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3284 medicines | 8 | 0 | 0 | ----- | 8 | 8 | 0 | ----- |
| 3285 perfumes & cleansers | 67 | 0 | 0 | ----- | 67 | 60 | 7 | ----- |
| 3286 plastics | 14 | 0 | 0 | ----- | 13 | 9 | 4 | ----- |
| 3291 pesticides | 5 | 0 | ----- | ----- | 5 | 3 | 2 | ----- |
| 3292 starches, gluten, glue | 1 | 1 | ----- | ----- | 0 | 0 | ----- | ----- |
| 3293 explosives | 4 | 1 | 0 | ----- | 3 | 2 | 1 | ----- |
| 3297 chemical additives | 0 | ----- | ----- | ----- | 0 | 0 | ----- | ----- |
| 3298 wood & resin chem. | 0 | ----- | ----- | ----- | 0 | 0 | ----- | ----- |
| 3299 chem. products nec | 22 | 0 | ----- | ----- | 22 | 14 | 9 | ----- |
| Total crude materials, inedible except fuels | 595 | 32 | 82 | ----- | 480 | 268 | 200 | 12 |
| Subtotal forest products, wood and chips | 289 | 0 | 2 | ----- | 286 | 234 | 52 | ----- |
| 4150 fuel wood | 1 | 0 | ----- | ----- | 1 | 1 | 0 | ----- |
| 4161 wood chips | 0 | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| 4170 wood in the rough | 6 | ----- | 0 | ----- | 6 | 5 | 0 | ----- |
| 4189 lumber | 275 | 0 | 2 | ----- | 273 | 223 | 50 | ----- |
| 4190 forest products nec | 7 | 0 | 0 | ----- | 7 | 5 | 2 | ----- |
| Subtotal pulp and waste paper | 42 | ----- | 39 | ----- | 2 | 2 | 1 | ----- |
| 4225 pulp & waste paper | 42 | ----- | 39 | ----- | 2 | 2 | 1 | ----- |
| Subtotal soil, sand, gravel, rock and stone | 153 | 31 | 0 | ----- | 123 | 7 | 103 | 12 |
| 4310 building stone | 1 | ----- | ----- | ----- | 1 | 0 | 1 | ----- |
| 4323 gypsum | 20 | 20 | ----- | ----- | 1 | 1 | 0 | ----- |
| 4331 sand & gravel | 125 | 11 | 0 | ----- | 114 | 1 | 101 | 12 |
| 4338 soil & fill dirt | 7 | ----- | ----- | ----- | 7 | 5 | 2 | ----- |
| Subtotal iron ore and scrap | 84 | ----- | 37 | ----- | 47 | 7 | 40 | ----- |
| 4410 iron ore | 0 | ----- | ----- | ----- | 0 | 0 | ----- | ----- |
| 4420 iron & steel scrap | 84 | ----- | 37 | ----- | 47 | 7 | 40 | ----- |
| Subtotal marine shells | 0 | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| 4515 marine shells | 0 | 0 | ----- | ----- | 0 | 0 | ----- | ----- |

HONOLULU HARBOR, OAHU, HI
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | | Internal Intraport |
|--|----------------|-----------|-----------|-----------|--------------|--------------|--------------|-----------------------|
| | | Imports | Exports | Imports | Total | Coastwise | | |
| | | | | | Receipts | Shipments | | |
| Subtotal non-ferrous ores and scrap | 3 | 0 | 3 | ----- | 0 | 0 | ----- | ----- |
| 4680 non-ferrous scrap | 3 | 0 | 3 | ----- | 0 | 0 | ----- | ----- |
| 4690 non-ferrous ores nec | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal sulphur, clay and salt | 1 | ----- | 1 | ----- | 1 | 1 | ----- | ----- |
| 4741 sulphur, (dry) | 1 | ----- | 1 | ----- | ----- | ----- | ----- | ----- |
| 4782 clay & refrac. mat. | 1 | ----- | ----- | ----- | 1 | 1 | ----- | ----- |
| Subtotal other non-metal. min. | 22 | 1 | ----- | ----- | 22 | 18 | 3 | ----- |
| 4900 non-metal. min. nec | 22 | 1 | ----- | ----- | 22 | 18 | 3 | ----- |
| Total primary manufactured goods | 2,917 | 46 | 3 | 16 | 2,853 | 1,395 | 1,457 | 2 |
| Subtotal paper products | 265 | 1 | 0 | 16 | 248 | 194 | 53 | ----- |
| 5110 newsprint | 21 | ----- | ----- | 16 | 5 | 3 | 2 | ----- |
| 5120 paper & paperboard | 30 | 0 | 0 | ----- | 29 | 27 | 3 | ----- |
| 5190 paper products nec | 214 | 1 | 0 | ----- | 213 | 164 | 49 | ----- |
| Subtotal lime, cement and glass | 310 | 36 | 0 | ----- | 274 | 169 | 103 | 2 |
| 5220 cement & concrete | 109 | 31 | 0 | ----- | 78 | 21 | 58 | ----- |
| 5240 glass & glass prod. | 6 | 3 | 0 | ----- | 3 | 3 | 0 | ----- |
| 5290 misc. mineral prod. | 196 | 3 | 0 | ----- | 192 | 145 | 46 | 2 |
| Subtotal primary iron and steel products | 56 | 6 | 0 | ----- | 49 | 32 | 16 | ----- |
| 5312 pig iron | 0 | ----- | ----- | ----- | 0 | 0 | ----- | ----- |
| 5320 i&s primary forms | 0 | ----- | ----- | ----- | 0 | 0 | ----- | ----- |
| 5330 i&s plates & sheets | 7 | 2 | 0 | ----- | 4 | 4 | ----- | ----- |
| 5360 i&s bars & shapes | 33 | 2 | 0 | ----- | 30 | 24 | 6 | ----- |
| 5370 i&s pipe & tube | 14 | 0 | 0 | ----- | 14 | 4 | 10 | ----- |
| 5390 primary i&s nec | 1 | 1 | ----- | ----- | 0 | 0 | ----- | ----- |
| Subtotal primary non-ferrous metal products | 2,195 | 1 | 1 | 0 | 2,192 | 924 | 1,268 | 0 |
| 5421 copper | 0 | ----- | ----- | ----- | 0 | 0 | ----- | ----- |
| 5422 aluminum | 1 | 0 | 0 | ----- | 1 | 1 | ----- | ----- |
| 5429 smelted prod. nec | 0 | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| 5480 fab. metal products | 2,194 | 1 | 1 | 0 | 2,191 | 923 | 1,268 | 0 |
| Subtotal primary wood products | 91 | 0 | 1 | ----- | 91 | 75 | 16 | ----- |
| 5540 primary wood prod. | 91 | 0 | 1 | ----- | 91 | 75 | 16 | ----- |
| Total food and farm products | 2,870 | 48 | 48 | 27 | 2,747 | 1,725 | 1,021 | 1 |
| Subtotal fish | 11 | 7 | 0 | 0 | 4 | 3 | 1 | ----- |
| 6134 fish (not shellfish) | 8 | 4 | ----- | ----- | 4 | 3 | 1 | ----- |
| 6136 shellfish | 3 | 3 | 0 | 0 | 0 | 0 | ----- | ----- |
| Subtotal grain | 113 | 3 | 2 | 27 | 81 | 71 | 10 | ----- |
| 6241 wheat | 41 | ----- | ----- | 27 | 14 | 14 | ----- | ----- |
| 6344 corn | 1 | ----- | ----- | ----- | 1 | 1 | 0 | ----- |
| 6442 rice | 71 | 3 | 2 | ----- | 67 | 57 | 10 | ----- |

HONOLULU HARBOR, OAHU, HI
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | | Internal Intraport |
|--|----------------|---------|---------|----------|----------|-----------|-----------|-----------------------|
| | | Imports | Exports | Imports | Total | Coastwise | Shipments | |
| | | | | | Receipts | | | |
| 6443 barley & rye | 0 | ----- | ----- | ----- | 0 | 0 | ----- | ----- |
| Subtotal oilseeds | 2 | 0 | 0 | ----- | 1 | 1 | ----- | ----- |
| 6521 peanuts | 0 | ----- | ----- | ----- | 0 | 0 | ----- | ----- |
| 6522 soybeans | 1 | 0 | ----- | ----- | 1 | 1 | ----- | ----- |
| 6590 oilseeds nec | 1 | 0 | 0 | ----- | 1 | 1 | ----- | ----- |
| Subtotal vegetable products | 247 | 8 | 1 | ----- | 238 | 198 | 40 | 0 |
| 6653 vegetable oils | 1 | 0 | 0 | ----- | 1 | 1 | ----- | ----- |
| 6654 vegetables & prod. | 246 | 8 | 1 | ----- | 237 | 197 | 40 | 0 |
| Subtotal processed grain and animal feed | 259 | 3 | 3 | 0 | 253 | 210 | 43 | ----- |
| 6746 wheat flour | 69 | 0 | 2 | ----- | 67 | 64 | 3 | ----- |
| 6747 grain mill products | 11 | 3 | 1 | ----- | 7 | 6 | 0 | ----- |
| 6781 hay & fodder | 23 | ----- | ----- | 0 | 23 | 20 | 3 | ----- |
| 6782 animal feed, prep. | 157 | 0 | 0 | 0 | 156 | 120 | 36 | ----- |
| Subtotal other agricultural products | 2,238 | 27 | 42 | 0 | 2,169 | 1,241 | 927 | 1 |
| 6811 meat, fresh, frozen | 175 | 5 | 2 | ----- | 168 | 147 | 21 | 0 |
| 6817 meat, prepared | 1 | 0 | 0 | ----- | 1 | 1 | ----- | ----- |
| 6822 dairy products | 41 | 0 | 0 | ----- | 40 | 35 | 5 | ----- |
| 6835 fish, prepared | 2 | 2 | 0 | 0 | 0 | 0 | ----- | ----- |
| 6839 animals & prod. nec | 53 | 0 | 0 | ----- | 53 | 35 | 18 | 0 |
| 6856 bananas & plantains | 14 | ----- | ----- | ----- | 14 | 14 | 1 | ----- |
| 6857 fruit & nuts nec | 48 | 1 | 0 | 0 | 47 | 41 | 5 | ----- |
| 6858 fruit juices | 299 | 4 | 4 | ----- | 291 | 112 | 179 | 1 |
| 6861 sugar | 143 | ----- | 0 | ----- | 143 | 0 | 143 | ----- |
| 6865 molasses | 267 | ----- | 29 | ----- | 238 | 75 | 163 | ----- |
| 6871 coffee | 7 | 0 | 0 | ----- | 6 | 5 | 1 | 0 |
| 6885 alcoholic beverages | 277 | 10 | 0 | 0 | 266 | 215 | 51 | ----- |
| 6887 groceries | 126 | ----- | ----- | ----- | 126 | 100 | 26 | ----- |
| 6888 water & ice | 1 | ----- | 1 | ----- | ----- | ----- | ----- | ----- |
| 6889 food products nec | 761 | 3 | 5 | ----- | 753 | 446 | 306 | 0 |
| 6891 tobacco & products | 4 | 0 | 0 | ----- | 3 | 3 | 0 | ----- |
| 6893 cotton | 0 | ----- | ----- | ----- | 0 | 0 | ----- | ----- |
| 6894 natural fibers nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 6899 farm products nec | 19 | 0 | 0 | ----- | 19 | 12 | 7 | ----- |
| Total all manufactured equipment, machinery and products | 2,663 | 49 | 3 | 0 | 2,611 | 1,422 | 1,188 | 1 |
| 7110 machinery (not elec) | 131 | 2 | 1 | 0 | 128 | 82 | 46 | 0 |
| 7120 electrical machinery | 29 | 2 | 1 | ----- | 26 | 24 | 2 | ----- |
| 7210 vehicles & parts | 924 | 27 | 0 | ----- | 898 | 396 | 501 | 1 |
| 7220 aircraft & parts | 0 | ----- | ----- | ----- | 0 | 0 | 0 | 0 |
| 7230 ships & boats | 15 | ----- | 0 | ----- | 14 | 4 | 10 | ----- |
| 7300 ordnance & access. | 1 | 0 | 0 | ----- | 1 | 1 | 1 | ----- |
| 7400 manufac. wood prod. | 131 | 1 | 0 | ----- | 130 | 83 | 47 | 0 |
| 7500 textile products | 17 | 2 | 0 | ----- | 14 | 14 | 1 | ----- |
| 7600 rubber & plastic pr. | 32 | 5 | 0 | 0 | 27 | 15 | 12 | ----- |
| 7900 manufac. prod. nec | 1,382 | 11 | 0 | 0 | 1,371 | 804 | 567 | 0 |

HONOLULU HARBOR, OAHU, HI
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | | |
|--|----------------|----------|----------|----------|-----------|-----------|-----------|----------|
| | | Imports | Exports | Imports | Total | Coastwise | Internal | |
| | | | | | Receipts | Shipments | Intraport | |
| Total unknown or not elsewhere classified | 38 | 1 | 1 | ----- | 37 | 29 | 7 | 0 |
| 9900 unknown or nec | 38 | 1 | 1 | ----- | 37 | 29 | 7 | 0 |

NAWILIWILI HARBOR, KAUAI, HI

Section Included: Port of Nawiliwili. Controlling Depth: 41.0 feet in the outer channel; 41.0 feet in the inner channel; 34.0 feet in the harbor basin. Project Depth: 40 feet in the channel; 35 feet in the harbor basin.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|-------------|--------------|
| 1985 | 933 | 1990 | 959 |
| 1986 | 745 | 1991 | 1,005 |
| 1987 | 916 | 1992 | 1,143 |
| 1988 | 876 | 1993 | 1,283 |
| 1989 | 1,038 | 1994 | 1,151 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | Domestic | | |
|---|----------------|----------|----------|-------------------|------------------------|-----------------------|
| | | Imports | Imports | Total Receipts | Coastwise Shipments | Internal Intraport |
| | | | | | | |
| Total, all commodities | 1,151 | 5 | 7 | 1,139 | 672 | 467 |
| Total petroleum and petroleum products | 26 | ----- | ----- | 26 | 26 | ----- |
| Subtotal petroleum products | 26 | ----- | ----- | 26 | 26 | ----- |
| 2211 gasoline | 15 | ----- | ----- | 15 | 15 | ----- |
| 2330 distillate fuel oil | 2 | ----- | ----- | 2 | 2 | ----- |
| 2340 residual fuel oil | 1 | ----- | ----- | 1 | 1 | ----- |
| 2350 lube oil & greases | 1 | ----- | ----- | 1 | 1 | ----- |
| 2640 liquid natural gas | 6 | ----- | ----- | 6 | 6 | ----- |
| 2990 petro. products nec | 1 | ----- | ----- | 1 | 1 | ----- |
| Total chemicals and related products | 25 | 5 | 7 | 13 | 13 | 0 |
| Subtotal fertilizers | 22 | 5 | 7 | 10 | 10 | 0 |
| 3110 nitrogenous fert. | 6 | ----- | 4 | 2 | 2 | ----- |
| 3120 phosphatic fert. | 5 | 5 | ----- | ----- | ----- | ----- |
| 3130 potassic fert. | 6 | ----- | 4 | 2 | 2 | ----- |
| 3190 fert. & mixes nec | 6 | ----- | ----- | 6 | 6 | 0 |

NAWILIWILI HARBOR, KAUAI, HI
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Grand Total | Foreign | Canadian | Domestic | | |
|--|----------------|---------|----------|------------|------------|------------|
| | | Imports | Imports | Total | Coastwise | |
| | | | | | Receipts | Shipments |
| Subtotal other chemicals and related products | 3 | ----- | ----- | 3 | 3 | 0 |
| 3274 sodium hydroxide | 0 | ----- | ----- | 0 | 0 | ----- |
| 3282 pigments & paints | 1 | ----- | ----- | 1 | 1 | 0 |
| 3284 medicines | 0 | ----- | ----- | 0 | 0 | ----- |
| 3285 perfumes & cleansers | 1 | ----- | ----- | 1 | 1 | 0 |
| 3286 plastics | 0 | ----- | ----- | 0 | 0 | ----- |
| 3291 pesticides | 0 | ----- | ----- | 0 | 0 | ----- |
| 3293 explosives | 0 | ----- | ----- | 0 | 0 | ----- |
| 3299 chem. products nec | 0 | ----- | ----- | 0 | 0 | 0 |
| Total crude materials, inedible except fuels | 18 | ----- | ----- | 18 | 16 | 2 |
| Subtotal forest products, wood and chips | 14 | ----- | ----- | 14 | 13 | 0 |
| 4150 fuel wood | 0 | ----- | ----- | 0 | 0 | 0 |
| 4170 wood in the rough | 0 | ----- | ----- | 0 | 0 | 0 |
| 4189 lumber | 13 | ----- | ----- | 13 | 13 | 0 |
| 4190 forest products nec | 0 | ----- | ----- | 0 | 0 | ----- |
| Subtotal pulp and waste paper | 0 | ----- | ----- | 0 | 0 | 0 |
| 4225 pulp & waste paper | 0 | ----- | ----- | 0 | 0 | 0 |
| Subtotal soil, sand, gravel, rock and stone | 0 | ----- | ----- | 0 | 0 | ----- |
| 4338 soil & fill dirt | 0 | ----- | ----- | 0 | 0 | ----- |
| Subtotal iron ore and scrap | 4 | ----- | ----- | 4 | 2 | 2 |
| 4420 iron & steel scrap | 4 | ----- | ----- | 4 | 2 | 2 |
| Subtotal other non-metal. min. | 0 | ----- | ----- | 0 | 0 | ----- |
| 4900 non-metal. min. nec | 0 | ----- | ----- | 0 | 0 | ----- |
| Total primary manufactured goods | 529 | ----- | ----- | 529 | 328 | 201 |
| Subtotal paper products | 5 | ----- | ----- | 5 | 4 | 1 |
| 5110 newsprint | 0 | ----- | ----- | 0 | 0 | ----- |
| 5120 paper & paperboard | 0 | ----- | ----- | 0 | 0 | 0 |
| 5190 paper products nec | 4 | ----- | ----- | 4 | 3 | 1 |
| Subtotal lime, cement and glass | 57 | ----- | ----- | 57 | 57 | 0 |
| 5220 cement & concrete | 43 | ----- | ----- | 43 | 43 | ----- |
| 5240 glass & glass prod. | 0 | ----- | ----- | 0 | 0 | 0 |
| 5290 misc. mineral prod. | 14 | ----- | ----- | 14 | 14 | 0 |
| Subtotal primary iron and steel products | 4 | ----- | ----- | 4 | 4 | 0 |
| 5360 i&s bars & shapes | 2 | ----- | ----- | 2 | 2 | 0 |
| 5370 i&s pipe & tube | 2 | ----- | ----- | 2 | 2 | ----- |
| Subtotal primary non-ferrous metal products | 461 | ----- | ----- | 461 | 260 | 201 |
| 5480 fab. metal products | 461 | ----- | ----- | 461 | 260 | 201 |
| Subtotal primary wood products | 2 | ----- | ----- | 2 | 2 | 0 |
| 5540 primary wood prod. | 2 | ----- | ----- | 2 | 2 | 0 |
| Total food and farm products | 269 | ----- | ----- | 269 | 87 | 182 |
| Subtotal fish | 0 | ----- | ----- | 0 | 0 | ----- |
| 6134 fish (not shellfish) | 0 | ----- | ----- | 0 | 0 | ----- |

NAWILIWILI HARBOR, KAUAI, HI
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Grand Total | Foreign | Canadian | Domestic | | |
|---|----------------|---------|----------|------------|------------|------------|
| | | Imports | Imports | Total | Coastwise | |
| | | | | | Receipts | Shipments |
| Subtotal grain | 2 | ----- | ----- | 2 | 2 | 0 |
| 6344 corn | 0 | ----- | ----- | 0 | ----- | 0 |
| 6442 rice | 2 | ----- | ----- | 2 | 2 | ----- |
| Subtotal vegetable products | 8 | ----- | ----- | 8 | 8 | 1 |
| 6654 vegetables & prod. | 8 | ----- | ----- | 8 | 8 | 1 |
| Subtotal processed grain and animal feed | 4 | ----- | ----- | 4 | 4 | 0 |
| 6746 wheat flour | 0 | ----- | ----- | 0 | 0 | 0 |
| 6747 grain mill products | 0 | ----- | ----- | 0 | 0 | ----- |
| 6781 hay & fodder | 0 | ----- | ----- | 0 | 0 | ----- |
| 6782 animal feed, prep. | 4 | ----- | ----- | 4 | 4 | 0 |
| Subtotal other agricultural products | 254 | ----- | ----- | 254 | 73 | 181 |
| 6811 meat, fresh, frozen | 3 | ----- | ----- | 3 | 3 | 0 |
| 6822 dairy products | 1 | ----- | ----- | 1 | 1 | ----- |
| 6839 animals & prod. nec | 6 | ----- | ----- | 6 | 3 | 4 |
| 6857 fruit & nuts nec | 0 | ----- | ----- | 0 | 0 | 0 |
| 6861 sugar | 147 | ----- | ----- | 147 | ----- | 147 |
| 6865 molasses | 21 | ----- | ----- | 21 | ----- | 21 |
| 6871 coffee | 0 | ----- | ----- | 0 | 0 | 0 |
| 6885 alcoholic beverages | 9 | ----- | ----- | 9 | 9 | 0 |
| 6887 groceries | 4 | ----- | ----- | 4 | 4 | ----- |
| 6889 food products nec | 63 | ----- | ----- | 63 | 54 | 9 |
| 6899 farm products nec | 0 | ----- | ----- | 0 | 0 | 0 |
| Total all manufactured equipment, machinery and products | 284 | ----- | ----- | 284 | 202 | 82 |
| 7110 machinery (not elec) | 4 | ----- | ----- | 4 | 4 | 1 |
| 7120 electrical machinery | 0 | ----- | ----- | 0 | 0 | 0 |
| 7210 vehicles & parts | 134 | ----- | ----- | 134 | 81 | 53 |
| 7220 aircraft & parts | 0 | ----- | ----- | 0 | ----- | 0 |
| 7230 ships & boats | 2 | ----- | ----- | 2 | 2 | 1 |
| 7300 ordnance & access. | 0 | ----- | ----- | 0 | 0 | ----- |
| 7400 manufac. wood prod. | 14 | ----- | ----- | 14 | 2 | 11 |
| 7500 textile products | 0 | ----- | ----- | 0 | 0 | ----- |
| 7600 rubber & plastic pr. | 3 | ----- | ----- | 3 | 3 | 0 |
| 7900 manufac. prod. nec | 126 | ----- | ----- | 126 | 110 | 16 |

Other Harbors and Waterways

| Harbor or Waterway | Commodity | Tons Thousand |
|---------------------------------|---------------------------|------------------|
| Project | | |
| HANA HARBOR, MAUI, HI | No Commerce Reported | |
| KAILUA HARBOR, OAHU, HI | No Commerce Reported | |
| KALAUPAPA HARBOR, MOLOKAI, HI | No Commerce Reported | |
| KAUNAKAKAI HARBOR, MOLOKAI, HI | 3190 fert. & mixes nec | 0 |
| | 4150 fuel wood | 0 |
| | 4170 wood in the rough | 0 |
| | 4189 lumber | 1 |
| | 4331 sand & gravel | 5 |
| | 4420 iron & steel scrap | 0 |
| | 5120 paper & paperboard | 0 |
| | 5190 paper products nec | 1 |
| | 5220 cement & concrete | 2 |
| | 5240 glass & glass prod. | 0 |
| | 5290 misc. mineral prod. | 2 |
| | 5360 i&s bars & shapes | 0 |
| | 5370 i&s pipe & tube | 1 |
| | 5480 fab. metal products | 69 |
| | 6654 vegetables & prod. | 12 |
| | 6781 hay & fodder | 0 |
| | 6782 animal feed, prep. | 0 |
| | 6839 animals & prod. nec | 5 |
| | 6889 food products nec | 16 |
| | 7210 vehicles & parts | 42 |
| | 7230 ships & boats | 2 |
| | 7400 manufac. wood prod. | 3 |
| | 7600 rubber & plastic pr. | 0 |
| | 7900 manufac. prod. nec | 28 |
| | Total Tons(x1000) | 189 |
| PORT ALLEN HARBOR, KAUAI, HI | 3190 fert. & mixes nec | 1 |
| | Total Tons(x1000) | 1 |
| WAKE ISLAND HARBOR, WAKE ISLAND | No Commerce Reported | |
| WELLS HARBOR, MIDWAY ISLAND | No Commerce Reported | |

COLUMBIA RIVER AND TRIBUTARIES ABOVE McNARY LOCK AND DAM TO KENNEWICK, WA

Section Included: Columbia River and Tributaries, McNary Lock and Dam to Kennewick, WA. Controlling Depth: 20 feet. Project Depth: 14 feet.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 5,235 | 1990 | 6,359 |
| 1986 | 5,790 | 1991 | 6,772 |
| 1987 | 6,424 | 1992 | 6,415 |
| 1988 | 7,819 | 1993 | 7,218 |
| 1989 | 6,073 | 1994 | 7,927 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Internal | | | | | | |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | Inbound | | Outbound | | Through | | Intra |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Downbnd |
| Total, all commodities | 7,927 | 545 | 4 | 22 | 1,450 | 1,474 | 4,416 | 16 |
| Total petroleum and petroleum products | 1,683 | 302 | 4 | 1 | ----- | 1,354 | 21 | ----- |
| Subtotal petroleum products | 1,683 | 302 | 4 | 1 | ----- | 1,354 | 21 | ----- |
| 2211 gasoline | 895 | 4 | ----- | ----- | ----- | 876 | 15 | ----- |
| 2330 distillate fuel oil | 788 | 297 | 4 | 1 | ----- | 479 | 6 | ----- |
| Total chemicals and related products | 359 | 238 | ----- | 21 | 61 | 22 | 0 | 16 |
| Subtotal fertilizers | 96 | 1 | ----- | 12 | 61 | 6 | ----- | 16 |
| 3110 nitrogenous fert. | 96 | 1 | ----- | 12 | 61 | 6 | ----- | 16 |
| Subtotal other chemicals and related products | 263 | 237 | ----- | 8 | 0 | 17 | 0 | ----- |
| 3273 ammonia | 231 | 213 | ----- | 8 | ----- | 9 | ----- | ----- |
| 3274 sodium hydroxide | 24 | 24 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3276 metallic salts | 7 | ----- | ----- | ----- | ----- | 7 | ----- | ----- |
| 3286 plastics | 1 | ----- | ----- | ----- | 0 | ----- | 0 | ----- |
| Total crude materials, inedible except fuels | 925 | 2 | ----- | ----- | 0 | 85 | 838 | ----- |
| Subtotal forest products, wood and chips | 906 | 2 | ----- | ----- | 0 | 82 | 822 | ----- |
| 4161 wood chips | 488 | ----- | ----- | ----- | ----- | ----- | 488 | ----- |
| 4170 wood in the rough | 269 | ----- | ----- | ----- | 0 | ----- | 269 | ----- |
| 4189 lumber | 0 | ----- | ----- | ----- | ----- | ----- | 0 | ----- |
| 4190 forest products nec | 148 | 2 | ----- | ----- | ----- | 82 | 64 | ----- |
| Subtotal pulp and waste paper | 12 | ----- | ----- | ----- | ----- | ----- | 12 | ----- |
| 4225 pulp & waste paper | 12 | ----- | ----- | ----- | ----- | ----- | 12 | ----- |
| Subtotal soil, sand, gravel, rock and stone | 1 | ----- | ----- | ----- | ----- | ----- | 1 | ----- |
| 4331 sand & gravel | 1 | ----- | ----- | ----- | ----- | ----- | 1 | ----- |

COLUMBIA RIVER AND TRIBUTARIES ABOVE McNARY LOCK AND DAM TO KENNEWICK, WA
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Grand Total | Internal | | | | | |
|---|--------------|----------|---------|----------|--------------|-----------|---------------|
| | | Inbound | | Outbound | | Through | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Intra Downbnd |
| Subtotal non-ferrous ores and scrap | 3 | ----- | ----- | ----- | ----- | 3 | ----- |
| 4680 non-ferrous scrap | 3 | ----- | ----- | ----- | ----- | 3 | ----- |
| Subtotal sulphur, clay and salt | 3 | ----- | ----- | ----- | ----- | ----- | 3 |
| 4782 clay & refrac. mat. | 3 | ----- | ----- | ----- | ----- | ----- | 3 |
| Total primary manufactured goods | 49 | 1 | ----- | ----- | 2 | 2 | 44 |
| Subtotal paper products | 47 | ----- | ----- | ----- | 1 | 2 | 44 |
| 5190 paper products nec | 47 | ----- | ----- | ----- | 1 | 2 | 44 |
| Subtotal primary non-ferrous metal products | 1 | 1 | ----- | ----- | 1 | ----- | ----- |
| 5480 fab. metal products | 1 | 1 | ----- | ----- | 1 | ----- | ----- |
| Subtotal primary wood products | 1 | ----- | ----- | ----- | 1 | ----- | ----- |
| 5540 primary wood prod. | 1 | ----- | ----- | ----- | 1 | ----- | ----- |
| Total food and farm products | 4,896 | ----- | ----- | ----- | 1,385 | 0 | 3,511 |
| Subtotal grain | 4,838 | ----- | ----- | ----- | 1,359 | ----- | 3,479 |
| 6241 wheat | 4,692 | ----- | ----- | ----- | 1,354 | ----- | 3,338 |
| 6344 corn | 5 | ----- | ----- | ----- | 5 | ----- | 0 |
| 6443 barley & rye | 141 | ----- | ----- | ----- | 1 | ----- | 140 |
| Subtotal oilseeds | 0 | ----- | ----- | ----- | 0 | ----- | 0 |
| 6522 soybeans | 0 | ----- | ----- | ----- | 0 | ----- | 0 |
| Subtotal vegetable products | 36 | ----- | ----- | ----- | 6 | 0 | 30 |
| 6654 vegetables & prod. | 36 | ----- | ----- | ----- | 6 | 0 | 30 |
| Subtotal processed grain and animal feed | 3 | ----- | ----- | ----- | 1 | 0 | 1 |
| 6747 grain mill products | 2 | ----- | ----- | ----- | 1 | 0 | 1 |
| 6781 hay & fodder | 1 | ----- | ----- | ----- | 0 | ----- | 1 |
| 6782 animal feed, prep. | 0 | ----- | ----- | ----- | 0 | ----- | ----- |
| Subtotal other agricultural products | 20 | ----- | ----- | ----- | 19 | ----- | 1 |
| 6839 animals & prod. nec | 18 | ----- | ----- | ----- | 18 | ----- | ----- |
| 6857 fruit & nuts nec | 1 | ----- | ----- | ----- | 1 | ----- | ----- |
| 6858 fruit juices | 1 | ----- | ----- | ----- | 1 | ----- | ----- |
| 6899 farm products nec | 1 | ----- | ----- | ----- | ----- | ----- | 1 |
| Total all manufactured equipment, machinery and products | 15 | 3 | ----- | ----- | 0 | 10 | 2 |
| 7110 machinery (not elec) | 1 | ----- | ----- | ----- | ----- | ----- | 1 |
| 7600 rubber & plastic pr. | 0 | ----- | ----- | ----- | ----- | 0 | 0 |
| 7800 empty containers | 14 | 3 | ----- | ----- | 0 | 10 | 1 |
| 7900 manufac. prod. nec | 0 | ----- | ----- | ----- | ----- | ----- | 0 |
| Total waste and scrap nec | 1 | ----- | ----- | ----- | 1 | ----- | ----- |
| 8900 waste and scrap nec | 1 | ----- | ----- | ----- | 1 | ----- | ----- |

COLUMBIA RIVER AND TRIBUTARIES ABOVE MCNARY LOCK AND DAM TO KENNEWICK, WA
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Grand Total | Internal | | | | | |
|--------------------------------------|----------------|--------------|------------|------------|---------------|---------------|----------------|
| | | Inbound | | Outbound | | Through | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Intra Downbnd |
| Ton-miles (x1000) | 254,100 | 8,727 | 141 | 102 | 38,535 | 51,581 | 154,546 |
| Tons All Traffic (x1000) | 7,927 | | | | | | |
| Ton-miles All Traffic (x1000) | 254,100 | | | | | | |

SNAKE RIVER, OR, WA AND ID

Section Included: Mouth of Snake River to Johnson Bar Landing. Controlling Depth: 14 feet from mouth to Ice Harbor Lock Approach Channel; 14 feet in Ice Harbor Approach Channel; 14 feet within Ice Harbor pool; 14 feet in Lower Monumental approach channel; 14 feet within lower monumental pool; 14 feet in Little Goose Approach Channel; 14 feet within Little Goose Pool; 14 feet in Lower Granite Approach Channel; 14 feet within Lower Granite Pool; about 3.0 feet from head of Lower Granite Pool to Johnson Bar Landing. Project Depth: 14 feet from mouth to the Ice Harbor approach channel; 14 feet in Ice Harbor Channel; 14 feet within Ice Harbor pool; 14 feet in Lower Monumental Approach channel; 14 feet within Lower Monumental Pool; 14 feet in Little Goose Approach Channel; 14 feet in Little Goose channel; 14 feet within Little Goose pool; 14 feet in Lower Granite approach channel; 14 feet in Lower Granite Channel; 14 feet within Lower Granite Pool; 2 feet to Johnson Bar Landing.

Comparative Statement of Traffic
 (thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 3,519 | 1990 | 4,804 |
| 1986 | 5,043 | 1991 | 5,053 |
| 1987 | 4,645 | 1992 | 4,719 |
| 1988 | 7,125 | 1993 | 5,339 |
| 1989 | 5,930 | 1994 | 5,929 |

Freight Traffic, 1994
 (thousand tons)

| Commodity | Grand Total | Internal | | | | | |
|---|--------------|--------------|----------|----------|--------------|------------|---------------|
| | | Inbound | | Outbound | | Through | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Intra Upbound |
| Total, all commodities | 5,929 | 1,395 | 2 | 1 | 3,308 | 101 | 1,112 |
| Total petroleum and petroleum products | 1,391 | 1,356 | ----- | ----- | 25 | ----- | 10 |
| Subtotal petroleum products | 1,391 | 1,356 | ----- | ----- | 25 | ----- | 10 |
| 2211 gasoline | 892 | 876 | ----- | ----- | 15 | ----- | 1 |
| 2330 distillate fuel oil | 500 | 480 | ----- | ----- | 11 | ----- | 9 |
| Total chemicals and related products | 43 | 39 | ----- | ----- | | 4 | 0 |
| Subtotal fertilizers | 18 | 18 | ----- | ----- | ----- | ----- | ----- |
| 3110 nitrogenous fert. | 18 | 18 | ----- | ----- | ----- | ----- | ----- |

SNAKE RIVER, OR, WA AND ID
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Internal | | | | | |
|--|----------------|-----------|----------|----------|--------------|-----------|------------------|
| | | Inbound | | Outbound | | Through | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Intra Downbnd |
| Subtotal other chemicals and related products | 25 | 21 | ----- | ----- | ----- | 4 | 0 ----- |
| 3273 ammonia | 18 | 18 | ----- | ----- | ----- | ----- | ----- |
| 3276 metallic salts | 7 | 4 | ----- | ----- | ----- | 4 | ----- |
| 3286 plastics | 0 | ----- | ----- | ----- | ----- | ----- | 0 ----- |
| Total crude materials, inedible except fuels | 926 | ----- | 2 | 1 | 611 | 85 | 227 ----- |
| Subtotal forest products, wood and chips | 907 | ----- | 2 | 1 | 610 | 82 | 212 ----- |
| 4161 wood chips | 488 | ----- | ----- | ----- | 343 | ----- | 145 ----- |
| 4170 wood in the rough | 272 | ----- | 2 | 1 | 267 | ----- | 2 ----- |
| 4189 lumber | 0 | ----- | ----- | ----- | ----- | ----- | 0 ----- |
| 4190 forest products nec | 146 | ----- | ----- | ----- | ----- | 82 | 64 ----- |
| Subtotal pulp and waste paper | 12 | ----- | ----- | ----- | ----- | ----- | 12 ----- |
| 4225 pulp & waste paper | 12 | ----- | ----- | ----- | ----- | ----- | 12 ----- |
| Subtotal soil, sand, gravel, rock and stone | 1 | ----- | ----- | ----- | 1 | ----- | 0 ----- |
| 4331 sand & gravel | 1 | ----- | ----- | ----- | 1 | ----- | 0 ----- |
| Subtotal non-ferrous ores and scrap | 3 | ----- | ----- | ----- | ----- | 3 | ----- |
| 4680 non-ferrous scrap | 3 | ----- | ----- | ----- | ----- | 3 | ----- |
| Subtotal sulphur, clay and salt | 3 | ----- | ----- | ----- | ----- | ----- | 3 ----- |
| 4782 clay & refrac. mat. | 3 | ----- | ----- | ----- | ----- | ----- | 3 ----- |
| Total primary manufactured goods | 46 | ----- | ----- | ----- | ----- | 2 | 44 ----- |
| Subtotal paper products | 46 | ----- | ----- | ----- | ----- | 2 | 44 ----- |
| 5190 paper products nec | 46 | ----- | ----- | ----- | ----- | 2 | 44 ----- |
| Total food and farm products | 3,511 | ----- | ----- | ----- | 2,672 | 0 | 839 ----- |
| Subtotal grain | 3,479 | ----- | ----- | ----- | 2,672 | ----- | 807 ----- |
| 6241 wheat | 3,338 | ----- | ----- | ----- | 2,556 | ----- | 782 ----- |
| 6344 corn | 0 | ----- | ----- | ----- | ----- | ----- | 0 ----- |
| 6443 barley & rye | 140 | ----- | ----- | ----- | 116 | ----- | 24 ----- |
| Subtotal oilseeds | 0 | ----- | ----- | ----- | ----- | ----- | 0 ----- |
| 6522 soybeans | 0 | ----- | ----- | ----- | ----- | ----- | 0 ----- |
| Subtotal vegetable products | 30 | ----- | ----- | ----- | ----- | 0 | 30 ----- |
| 6654 vegetables & prod. | 30 | ----- | ----- | ----- | ----- | 0 | 30 ----- |
| Subtotal processed grain and animal feed | 1 | ----- | ----- | ----- | ----- | 0 | 1 ----- |
| 6747 grain mill products | 1 | ----- | ----- | ----- | ----- | 0 | 1 ----- |
| 6781 hay & fodder | 1 | ----- | ----- | ----- | ----- | ----- | 1 ----- |
| Subtotal other agricultural products | 1 | ----- | ----- | ----- | ----- | ----- | 1 ----- |
| 6899 farm products nec | 1 | ----- | ----- | ----- | ----- | ----- | 1 ----- |

SNAKE RIVER, OR, WA AND ID
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Internal | | | | | | |
|---|--------------------|------------|---------|----------|-------------|------------|-------------|-----------|
| | | Inbound | | Outbound | | Through | | Intra |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound |
| Total all manufactured equipment, machinery and products | 12 | ----- | ----- | ----- | ----- | 10 | 2 | ----- |
| 7110 machinery (not elec) | 1 | ----- | ----- | ----- | ----- | ----- | ----- | 1 |
| 7600 rubber & plastic pr. | 0 | ----- | ----- | ----- | ----- | 0 | 0 | ----- |
| 7800 empty containers | 11 | ----- | ----- | ----- | ----- | 10 | 1 | ----- |
| 7900 manufac. prod. nec | 0 | ----- | ----- | ----- | ----- | ----- | 0 | ----- |
| Ton-miles (x1000) | 469,522 | 21,090 | 14 | 6 | 270,063 | 14,732 | 162,286 | 1,332 |
| Tons All Traffic (x1000) | 5,929 | | | | | | | |
| Ton-miles All Traffic (x1000) | 469,522 | | | | | | | |

TOTAL WATERBORNE COMMERCE, COLUMBIA RIVER BASIN, OR, WA, AND ID

Freight Traffic, 1994
(thousand tons)

| Locality | Foreign | | Domestic | | | | Total | Percent | Through* |
|--|---------|---------|-----------|----------|----------------------|-----------|--------|---------|----------|
| | Imports | Exports | Coastwise | | Internal | | | | Traffic |
| | | | Receipts | Shipmnts | Receipts Shipmnts | Intraport | | | |
| CHINOOK CHANNEL, WA | ----- | ----- | ----- | ----- | 1 | ----- | 1 | 0.00 | ----- |
| CLATSKANIE RIVER, OR | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.00 | ----- |
| COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER | 4,254 | 25,118 | 3,666 | 561 | 11,698 | 1,438 | 46,735 | 72.68 | 3,968 |
| COLUMBIA RIVER ABOVE THE DALLES DAM, WA AND OR | ----- | ----- | ----- | ----- | 1,361 | ----- | 1,361 | 2.12 | 7,884 |
| COLUMBIA RIVER AND TRIBUTARIES ABOVE MCNARY LOCK | ----- | ----- | ----- | ----- | 2,022 | 16 | 2,038 | 3.17 | 5,889 |
| COLUMBIA RIVER AT BAKERS BAY, WA | ----- | ----- | ----- | ----- | 10 | ----- | 10 | 0.02 | ----- |
| COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES | ----- | ----- | 76 | ----- | 2,069 | 668 | 2,813 | 4.37 | 8,464 |
| COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.00 | ----- |
| COWLITZ RIVER, WA | ----- | ----- | ----- | ----- | 0 | ----- | 0 | 0.00 | ----- |
| DEEP RIVER, WA | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.00 | ----- |
| ELOKOMIN SLOUGH, WA | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.00 | ----- |
| GRAYS RIVER, WA | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.00 | ----- |
| LAKE RIVER, WA | ----- | ----- | ----- | ----- | ----- | 5 | 5 | 0.01 | ----- |
| LEWIS RIVER, WA | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.00 | ----- |
| MULTNOMAH CHANNEL, OR | ----- | ----- | ----- | ----- | 1,360 | ----- | 1,360 | 2.11 | ----- |
| OREGON SLOUGH (NORTH PORTLAND HARBOR), OR | 505 | 2,828 | ----- | ----- | 396 | ----- | 3,730 | 5.80 | ----- |
| SKAMOKAWA (STEAMBOAT) SLOUGH, WA | ----- | ----- | ----- | ----- | 0 | ----- | 0 | 0.00 | ----- |
| SKAMOKAWA CREEK, WA | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.00 | ----- |
| SKIPANON CHANNEL, OR | ----- | ----- | ----- | ----- | 36 | ----- | 36 | 0.06 | ----- |
| SNAKE RIVER, OR, WA AND ID | ----- | ----- | ----- | ----- | 4,707 | 10 | 4,717 | 7.33 | 1,212 |

TOTAL WATERBORNE COMMERCE, COLUMBIA RIVER BASIN, OR, WA, AND ID
Freight Traffic, 1994 - continued
(thousand tons)

| Locality | Foreign | | Domestic | | | | Total | Percent | Through* |
|---|---------|---------|-----------|----------|----------------------|-----------|--------|---------|----------|
| | Imports | Exports | Coastwise | | Internal | | | | Traffic |
| | | | Receipts | Shipmnts | Receipts Shipmnts | Intraport | | | |
| WESTPORT SLOUGH, OR | ----- | ----- | ----- | ----- | ----- | ----- | ----- | 0.00 | ----- |
| WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER,* | ----- | ----- | ----- | 4 | 1,182 | 295 | 1,481 | 2.30 | ----- |
| YOUNGS BAY AND YOUNGS RIVER, OR | ----- | ----- | ----- | ----- | 17 | ----- | 17 | 0.03 | ----- |
| TOTAL (UNADJUSTED) | 4,760 | 27,947 | 3,742 | 565 | 24,860 | 2,432 | 64,305 | ----- | 27,418 |
| PERCENT (UNADJUSTED) | 7.40 | 43.46 | 5.82 | 0.88 | 38.66 | 3.78 | ----- | 100.00 | ----- |
| NET VOLUME OF TONNAGE FOR THE BASIN** | 4,760 | 27,947 | 3,742 | 565 | 13,064 | 2,432 | 52,509 | ----- | ----- |
| PERCENT (ADJUSTED) | 9.06 | 53.22 | 7.13 | 1.08 | 24.88 | 4.63 | ----- | 100.00 | ----- |

* Through traffic not credited as such to total tonnage for Basin, but credited to projects or rivers where shipped or received.

** Adjusted to net volume by excluding duplication of internal traffic moved between the separate waterways of the Basin.

COLUMBIA RIVER ENTRANCE, OR AND WA

Section Included: Columbia River at mouth, OR and WA. Controlling Depth: 56 feet left outside quarter, 58 feet left inside, 46 feet right inside, and 41 feet right outside at mlw. Sand Island range: 47 feet left outside, 54 feet left inside, 50 feet right inside, and 48 feet right outside at mlw. Project Depth: 55/48 feet.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|--------|------|--------|
| 1985 | 28,569 | 1990 | 38,472 |
| 1986 | 28,087 | 1991 | 37,000 |
| 1987 | 32,532 | 1992 | 38,174 |
| 1988 | 39,194 | 1993 | 37,459 |
| 1989 | 41,439 | 1994 | 37,065 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | | Domestic | | | |
|---|---------------|--------------|---------------|------------|------------|--------------|--------------|------------|-----------------|
| | | Through | | Through | | Total | Coastwise | | Internal |
| | | Upbound | Downbnd | Upbound | Downbnd | | Upbound | Downbnd | Through Upbound |
| Total, all commodities | 37,065 | 3,927 | 27,837 | 833 | 110 | 4,359 | 3,742 | 565 | 52 |
| Total coal | 2 | ----- | 2 | ----- | ----- | ----- | ----- | ----- | ----- |
| 1100 coal lignite | 2 | ----- | 2 | ----- | ----- | ----- | ----- | ----- | ----- |
| Total petroleum and petroleum products | 3,946 | 352 | 453 | 81 | 86 | 2,974 | 2,858 | 116 | ----- |
| Subtotal crude petroleum | 328 | 257 | 0 | ----- | ----- | 70 | 70 | ----- | ----- |
| 2100 crude petroleum | 328 | 257 | 0 | ----- | ----- | 70 | 70 | ----- | ----- |
| Subtotal petroleum products | 3,618 | 95 | 453 | 81 | 86 | 2,904 | 2,789 | 116 | ----- |
| 2211 gasoline | 1,397 | 17 | ----- | 50 | ----- | 1,330 | 1,293 | 36 | ----- |
| 2330 distillate fuel oil | 826 | ----- | 0 | 30 | ----- | 796 | 741 | 55 | ----- |
| 2340 residual fuel oil | 586 | ----- | 1 | ----- | ----- | 585 | 570 | 15 | ----- |
| 2350 lube oil & greases | 116 | 0 | 4 | ----- | ----- | 112 | 112 | ----- | ----- |
| 2410 petro. jelly & waxes | 1 | ----- | 1 | ----- | ----- | ----- | ----- | ----- | ----- |
| 2429 naphtha & solvents | 5 | ----- | 0 | ----- | ----- | 5 | ----- | 5 | ----- |
| 2430 asphalt, tar & pitch | 155 | 78 | 0 | ----- | ----- | 77 | 72 | 5 | ----- |
| 2540 petroleum coke | 533 | ----- | 447 | ----- | 86 | ----- | ----- | ----- | ----- |
| 2640 liquid natural gas | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |

COLUMBIA RIVER ENTRANCE, OR AND WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | | Domestic | | | Internal Through Upbound |
|--|--------------|------------|--------------|-----------|-----------|------------|------------|------------|--------------------------|
| | | Through | | Through | | Total | Coastwise | Through | |
| | | Upbound | Downbnd | Upbound | Downbnd | | Upbound | Downbnd | |
| Total chemicals and related products | 3,716 | 281 | 2,693 | 76 | 18 | 648 | 466 | 182 | ----- |
| Subtotal fertilizers | 562 | 25 | 357 | ----- | ----- | 180 | 161 | 19 | ----- |
| 3110 nitrogenous fert. | 194 | 25 | 4 | ----- | ----- | 165 | 161 | 4 | ----- |
| 3130 potassic fert. | 351 | ----- | 348 | ----- | ----- | 3 | ----- | 3 | ----- |
| 3190 fert. & mixes nec | 17 | 0 | 5 | ----- | ----- | 11 | ----- | 11 | ----- |
| Subtotal other chemicals and related products | 3,154 | 256 | 2,336 | 76 | 18 | 469 | 305 | 163 | ----- |
| 3211 acyclic hydrocarbons | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3212 benzene & toluene | 62 | 27 | 0 | ----- | ----- | 34 | 34 | ----- | ----- |
| 3219 other hydrocarbons | 1 | 0 | 1 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3220 alcohols | 157 | 37 | 5 | 76 | 0 | 38 | 12 | 26 | ----- |
| 3230 carboxylic acids | 11 | 0 | 11 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3240 nitrogen func. comp. | 6 | 0 | 6 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3250 organo-inorgan. comp | 1 | 0 | 1 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3260 organic comp. nec | 3 | 0 | 3 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3272 sulphuric acid | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3273 ammonia | 238 | ----- | ----- | ----- | ----- | 238 | 238 | ----- | ----- |
| 3274 sodium hydroxide | 149 | 0 | ----- | ----- | 15 | 134 | ----- | 134 | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 154 | 138 | 15 | ----- | 1 | ----- | ----- | ----- | ----- |
| 3276 metallic salts | 2,264 | 40 | 2,216 | ----- | 1 | 5 | 5 | ----- | ----- |
| 3279 inorganic chem. nec | 1 | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3281 radioactive material | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 3282 pigments & paints | 2 | 0 | 1 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3283 coloring mat. nec | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3284 medicines | 2 | 0 | 2 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3285 perfumes & cleansers | 20 | 2 | 18 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3286 plastics | 45 | 9 | 33 | ----- | ----- | 3 | ----- | 3 | ----- |
| 3291 pesticides | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3292 starches, gluten, glue | 12 | 0 | 11 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3293 explosives | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |

COLUMBIA RIVER ENTRANCE, OR AND WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | | Domestic | | | Internal Through Upbound |
|---|----------------|--------------|--------------|------------|----------|------------|--------------------|------------|--------------------------------|
| | | Through | | Through | | Total | Coastwise | | |
| | | Upbound | Downbnd | Upbound | Downbnd | | Through Upbound | Downbnd | |
| 3297 chemical additives | 9 | ----- | 4 | ----- | ----- | 5 | 5 | ----- | ----- |
| 3298 wood & resin chem. | 10 | ----- | 1 | ----- | ----- | 9 | 9 | ----- | ----- |
| 3299 chem. products nec | 5 | 1 | 5 | ----- | ----- | ----- | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 8,007 | 1,688 | 5,031 | 672 | 5 | 610 | 418 | 193 | ----- |
| Subtotal forest products, wood and chips | 4,906 | 78 | 4,179 | 102 | 5 | 542 | 349 | 193 | ----- |
| 4150 fuel wood | 111 | ----- | 9 | 102 | 0 | ----- | ----- | ----- | ----- |
| 4161 wood chips | 945 | 0 | 625 | ----- | 5 | 315 | 313 | 3 | ----- |
| 4170 wood in the rough | 3,041 | 6 | 2,984 | ----- | ----- | 51 | 36 | 15 | ----- |
| 4189 lumber | 808 | 71 | 561 | ----- | ----- | 175 | ----- | 175 | ----- |
| 4190 forest products nec | 1 | 1 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal pulp and waste paper | 249 | ----- | 249 | ----- | ----- | ----- | ----- | ----- | ----- |
| 4225 pulp & waste paper | 249 | ----- | 249 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 595 | 0 | 24 | 570 | ----- | ----- | ----- | ----- | ----- |
| 4310 building stone | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 4322 limestone | 572 | ----- | 2 | 570 | ----- | ----- | ----- | ----- | ----- |
| 4323 gypsum | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 4331 sand & gravel | 22 | 0 | 22 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal iron ore and scrap | 164 | 37 | 127 | ----- | ----- | ----- | ----- | ----- | ----- |
| 4420 iron & steel scrap | 164 | 37 | 127 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal marine shells | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 4515 marine shells | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 1,211 | 1,135 | 73 | ----- | ----- | 3 | 3 | ----- | ----- |
| 4630 copper ore | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 4650 aluminum ore | 1,121 | 1,121 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 4680 non-ferrous scrap | 33 | 1 | 30 | ----- | ----- | 3 | 3 | ----- | ----- |
| 4690 non-ferrous ores nec | 57 | 14 | 43 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal sulphur, clay and salt | 351 | 15 | 336 | ----- | ----- | ----- | ----- | ----- | ----- |
| 4782 clay & refrac. mat. | 351 | 15 | 336 | ----- | ----- | ----- | ----- | ----- | ----- |

COLUMBIA RIVER ENTRANCE, OR AND WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | | Domestic | | Internal Through Upbound |
|--|----------------|------------|--------------|----------|----------|-----------|----------------------------|--------------------------------|
| | | Through | | Through | | Total | Coastwise | |
| | | Upbound | Downbnd | Upbound | Downbnd | | Through Upbound Downbnd | |
| Subtotal slag | 1 | ----- | 1 | ----- | ----- | ----- | ----- | ----- |
| 4860 slag | 1 | ----- | 1 | ----- | ----- | ----- | ----- | ----- |
| Subtotal other non-metal. min. | 529 | 422 | 42 | ----- | ----- | 66 | 66 | ----- |
| 4900 non-metal. min. nec | 529 | 422 | 42 | ----- | ----- | 66 | 66 | ----- |
| Total primary manufactured goods | 2,098 | 944 | 1,090 | 4 | 0 | 60 | ----- | 60 |
| Subtotal paper products | 800 | 6 | 751 | 4 | ----- | 39 | ----- | 39 |
| 5110 newsprint | 358 | ----- | 354 | 4 | ----- | ----- | ----- | ----- |
| 5120 paper & paperboard | 394 | 4 | 389 | ----- | ----- | ----- | ----- | ----- |
| 5190 paper products nec | 48 | 1 | 8 | ----- | ----- | 39 | ----- | 39 |
| Subtotal lime, cement and glass | 326 | 277 | 49 | ----- | ----- | ----- | ----- | ----- |
| 5220 cement & concrete | 267 | 267 | 0 | ----- | ----- | ----- | ----- | ----- |
| 5240 glass & glass prod. | 12 | 2 | 10 | ----- | ----- | ----- | ----- | ----- |
| 5290 misc. mineral prod. | 47 | 9 | 38 | ----- | ----- | ----- | ----- | ----- |
| Subtotal primary iron and steel products | 641 | 585 | 45 | ----- | 0 | 11 | ----- | 11 |
| 5312 pig iron | 157 | 155 | 1 | ----- | ----- | ----- | ----- | ----- |
| 5315 ferro alloys | 56 | 28 | 28 | ----- | ----- | ----- | ----- | ----- |
| 5320 i&s primary forms | 106 | 105 | 1 | ----- | ----- | ----- | ----- | ----- |
| 5330 i&s plates & sheets | 134 | 126 | 8 | ----- | ----- | 0 | ----- | 0 |
| 5360 i&s bars & shapes | 37 | 28 | 1 | ----- | ----- | 9 | ----- | 9 |
| 5370 i&s pipe & tube | 68 | 66 | 0 | ----- | ----- | 2 | ----- | 2 |
| 5390 primary i&s nec | 83 | 77 | 6 | ----- | 0 | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 135 | 39 | 95 | ----- | ----- | 1 | ----- | 1 |
| 5421 copper | 3 | 0 | 2 | ----- | ----- | ----- | ----- | ----- |
| 5422 aluminum | 87 | 6 | 81 | ----- | ----- | ----- | ----- | ----- |
| 5429 smelted prod. nec | 9 | 7 | 2 | ----- | ----- | ----- | ----- | ----- |
| 5480 fab. metal products | 37 | 26 | 10 | ----- | ----- | 1 | ----- | 1 |

COLUMBIA RIVER ENTRANCE, OR AND WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | | Domestic | | | |
|---|----------------|------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------------|
| | | Through | | Through | | Total | Coastwise | | Internal Through |
| | | Upbound | Downbnd | Upbound | Downbnd | | Upbound | Downbnd | |
| Subtotal primary wood products | 196 | 36 | 150 | 0 | ----- | 9 | ----- | 9 | ----- |
| 5540 primary wood prod. | 196 | 36 | 150 | 0 | ----- | 9 | ----- | 9 | ----- |
| Total food and farm products | 18,528 | 130 | 18,332 | 0 | 0 | 66 | ----- | 14 | 52 |
| Subtotal fish | 66 | 0 | 13 | ----- | 0 | 52 | ----- | ----- | 52 |
| 6134 fish (not shellfish) | 61 | 0 | 13 | ----- | 0 | 48 | ----- | ----- | 48 |
| 6136 shellfish | 5 | 0 | 0 | ----- | ----- | 5 | ----- | ----- | 5 |
| Subtotal grain | 16,870 | 2 | 16,855 | ----- | ----- | 14 | ----- | 14 | ----- |
| 6241 wheat | 14,697 | ----- | 14,684 | ----- | ----- | 14 | ----- | 14 | ----- |
| 6344 corn | 1,857 | ----- | 1,857 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6442 rice | 2 | 2 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6443 barley & rye | 224 | ----- | 224 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6445 oats | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6447 sorghum grains | 90 | ----- | 90 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal oilseeds | 103 | 0 | 103 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6522 soybeans | 78 | 0 | 78 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6590 oilseeds nec | 25 | 0 | 25 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal vegetable products | 397 | 96 | 301 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6653 vegetable oils | 92 | 91 | 1 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6654 vegetables & prod. | 305 | 5 | 300 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal processed grain and animal feed | 819 | 5 | 814 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6746 wheat flour | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6747 grain mill products | 55 | 1 | 54 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6781 hay & fodder | 282 | 0 | 282 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6782 animal feed, prep. | 481 | 4 | 478 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal other agricultural products | 273 | 27 | 246 | 0 | ----- | ----- | ----- | ----- | ----- |
| 6811 meat, fresh, frozen | 20 | 0 | 20 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6817 meat, prepared | 5 | 0 | 5 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6822 dairy products | 8 | 0 | 8 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6835 fish, prepared | 2 | 1 | 1 | 0 | ----- | ----- | ----- | ----- | ----- |
| 6838 tallow, animal oils | 1 | 0 | 1 | ----- | ----- | ----- | ----- | ----- | ----- |

COLUMBIA RIVER ENTRANCE, OR AND WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | | Domestic | | | |
|---|----------------|------------|------------|----------|--------------|--------------|--------------|--------------|--------------------|
| | | Through | | Through | | Total | Coastwise | | Internal |
| | | Upbound | Downbnd | Upbound | Downbnd | | Upbound | Downbnd | Through Upbound |
| 6839 animals & prod. nec | 96 | 0 | 96 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6856 bananas & plantains | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6857 fruit & nuts nec | 13 | 1 | 12 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6858 fruit juices | 22 | 9 | 13 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6861 sugar | 2 | 1 | 1 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6871 coffee | 1 | 1 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6872 cocoa beans | 4 | 4 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 6885 alcoholic beverages | 44 | 9 | 34 | 0 | ----- | ----- | ----- | ----- | ----- |
| 6888 water & ice | 2 | 0 | 2 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6889 food products nec | 35 | 1 | 35 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6891 tobacco & products | 3 | ----- | 3 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6893 cotton | 5 | ----- | 5 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6894 natural fibers nec | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 6899 farm products nec | 10 | 0 | 10 | ----- | ----- | ----- | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 758 | 528 | 229 | 0 | 1 | 0 | ----- | 0 | ----- |
| 7110 machinery (not elec) | 64 | 26 | 38 | 0 | 0 | 0 | ----- | 0 | ----- |
| 7120 electrical machinery | 46 | 27 | 19 | 0 | 0 | ----- | ----- | ----- | ----- |
| 7210 vehicles & parts | 474 | 378 | 96 | ----- | 0 | ----- | ----- | ----- | ----- |
| 7220 aircraft & parts | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 7230 ships & boats | 2 | 0 | 1 | ----- | 1 | 0 | ----- | 0 | ----- |
| 7300 ordnance & access. | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 7400 manufac. wood prod. | 14 | 5 | 10 | ----- | ----- | 0 | ----- | 0 | ----- |
| 7500 textile products | 35 | 13 | 22 | 0 | 0 | ----- | ----- | ----- | ----- |
| 7600 rubber & plastic pr. | 33 | 20 | 13 | ----- | ----- | ----- | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 91 | 60 | 31 | 0 | 0 | 0 | ----- | 0 | ----- |
| Total unknown or not elsewhere classified | 10 | 4 | 6 | 0 | ----- | ----- | ----- | ----- | ----- |
| 9900 unknown or nec | 10 | 4 | 6 | 0 | ----- | ----- | ----- | ----- | ----- |

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)

Section Included: Mouth to International Boundary, a distance of 745 miles. Controlling Depth: 38 feet or better between mouth of Columbia River and mouth of Willamette River; 38 feet to lower turning basin, Vancouver, WA; other channel depths range from 15 to 4 feet. Project Depth: 55/48 feet across entrance bar; 40 feet from mouth of Columbia River to mouth of Willamette River; 40 feet from mouth of Willamette River to Vancouver; Other Project Depths range from 27 to 7 feet.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|--------|------|--------|
| 1985 | 42,427 | 1990 | 51,438 |
| 1986 | 42,155 | 1991 | 50,446 |
| 1987 | 45,726 | 1992 | 51,641 |
| 1988 | 53,829 | 1993 | 51,243 |
| 1989 | 54,459 | 1994 | 50,912 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | | | Canadian | | | |
|---|---------------|--------------|---------------|--------------|---------------|------------|-----------|------------|-----------|
| | | Imports | Exports | Through | | Imports | Exports | Through | |
| | | | | Upbound | Downbnd | | | Upbound | Downbnd |
| Total, all commodities | 32,706 | 1,279 | 13,794 | 2,648 | 14,042 | 107 | 96 | 726 | 14 |
| Total coal | 2 | ----- | ----- | ----- | 2 | ----- | ----- | ----- | ----- |
| 1100 coal lignite | 2 | ----- | ----- | ----- | 2 | ----- | ----- | ----- | ----- |
| Total petroleum and petroleum products | 972 | 35 | 445 | 317 | 8 | ----- | 86 | 81 | ----- |
| Subtotal crude petroleum | 258 | ----- | ----- | 257 | 0 | ----- | ----- | ----- | ----- |
| 2100 crude petroleum | 258 | ----- | ----- | 257 | 0 | ----- | ----- | ----- | ----- |
| Subtotal petroleum products | 714 | 35 | 445 | 60 | 7 | ----- | 86 | 81 | ----- |
| 2211 gasoline | 67 | ----- | ----- | 17 | ----- | ----- | ----- | 50 | ----- |
| 2330 distillate fuel oil | 31 | ----- | ----- | ----- | 0 | ----- | ----- | 30 | ----- |
| 2340 residual fuel oil | 1 | ----- | ----- | ----- | 1 | ----- | ----- | ----- | ----- |
| 2350 lube oil & greases | 4 | ----- | 0 | 0 | 4 | ----- | ----- | ----- | ----- |
| 2410 petro. jelly & waxes | 1 | ----- | ----- | ----- | 1 | ----- | ----- | ----- | ----- |
| 2429 naphtha & solvents | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- | ----- |
| 2430 asphalt, tar & pitch | 78 | 35 | ----- | 43 | 0 | ----- | ----- | ----- | ----- |
| 2540 petroleum coke | 533 | ----- | 445 | ----- | 1 | ----- | 86 | ----- | ----- |
| 2640 liquid natural gas | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- | ----- |

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Foreign | | | | Canadian | | | |
|--|--------------|------------|------------|-----------|--------------|----------|----------|-----------|-----------|
| | | Imports | Exports | Through | | Imports | Exports | Through | |
| | | | | Upbound | Downbnd | | | Upbound | Downbnd |
| Total chemicals and related products | 3,068 | 212 | 636 | 68 | 2,058 | 8 | 4 | 68 | 13 |
| Subtotal fertilizers | 382 | 22 | 272 | 3 | 85 | ----- | ----- | ----- | ----- |
| 3110 nitrogenous fert. | 29 | 22 | ----- | 3 | 4 | ----- | ----- | ----- | ----- |
| 3130 potassic fert. | 348 | ----- | 272 | ----- | 76 | ----- | ----- | ----- | ----- |
| 3190 fert. & mixes nec | 5 | ----- | ----- | 0 | 5 | ----- | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 2,686 | 191 | 363 | 65 | 1,972 | 8 | 4 | 68 | 13 |
| 3211 acyclic hydrocarbons | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- | ----- |
| 3212 benzene & toluene | 27 | 27 | ----- | ----- | 0 | ----- | ----- | ----- | ----- |
| 3219 other hydrocarbons | 1 | ----- | 0 | 0 | 1 | ----- | ----- | ----- | ----- |
| 3220 alcohols | 119 | 10 | 1 | 28 | 4 | 8 | ----- | 68 | 0 |
| 3230 carboxylic acids | 11 | 0 | 0 | 0 | 11 | ----- | ----- | ----- | ----- |
| 3240 nitrogen func. comp. | 6 | ----- | 0 | 0 | 6 | ----- | ----- | ----- | 0 |
| 3250 organo-inorgan. comp | 1 | ----- | 0 | 0 | 1 | ----- | ----- | ----- | ----- |
| 3260 organic comp. nec | 3 | ----- | ----- | 0 | 3 | ----- | ----- | ----- | ----- |
| 3272 sulphuric acid | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- | ----- |
| 3274 sodium hydroxide | 15 | ----- | ----- | 0 | ----- | ----- | 3 | ----- | 11 |
| 3275 inorg. elem., oxides, & halogen salts | 154 | 137 | 5 | 1 | 11 | ----- | 0 | ----- | 1 |
| 3276 metallic salts | 2,258 | 17 | 356 | 23 | 1,860 | ----- | 0 | ----- | 1 |
| 3279 inorganic chem. nec | 1 | ----- | ----- | 0 | 0 | ----- | ----- | ----- | ----- |
| 3281 radioactive material | 0 | ----- | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3282 pigments & paints | 2 | ----- | 0 | 0 | 1 | ----- | ----- | ----- | ----- |
| 3283 coloring mat. nec | 0 | ----- | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| 3284 medicines | 2 | ----- | 0 | 0 | 2 | ----- | ----- | ----- | ----- |
| 3285 perfumes & cleansers | 20 | ----- | 0 | 2 | 18 | ----- | ----- | ----- | ----- |
| 3286 plastics | 42 | ----- | 1 | 9 | 32 | ----- | ----- | ----- | ----- |
| 3291 pesticides | 0 | ----- | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3292 starches, gluten, glue | 12 | ----- | 0 | 0 | 11 | ----- | ----- | ----- | ----- |
| 3293 explosives | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- | ----- |
| 3297 chemical additives | 4 | ----- | 0 | ----- | 4 | ----- | ----- | ----- | ----- |

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Foreign | | | | Canadian | | | |
|---|--------------|------------|--------------|------------|--------------|-----------|----------|------------|----------|
| | | Imports | Exports | Through | | Imports | Exports | Through | |
| | | | | Upbound | Downbnd | | | Upbound | Downbnd |
| 3298 wood & resin chem. | 1 | ----- | 0 | ----- | 1 | ----- | ----- | ----- | ----- |
| 3299 chem. products nec | 5 | ----- | 0 | 1 | 4 | ----- | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 7,396 | 847 | 3,090 | 841 | 1,941 | 96 | 5 | 577 | 0 |
| Subtotal forest products, wood and chips | 4,364 | 33 | 2,911 | 45 | 1,268 | 96 | 5 | 7 | 0 |
| 4150 fuel wood | 111 | ----- | ----- | ----- | 9 | 96 | ----- | 7 | 0 |
| 4161 wood chips | 630 | ----- | 259 | 0 | 366 | ----- | 5 | ----- | ----- |
| 4170 wood in the rough | 2,990 | 6 | 2,613 | 0 | 371 | ----- | ----- | ----- | ----- |
| 4189 lumber | 633 | 27 | 40 | 44 | 522 | ----- | ----- | ----- | ----- |
| 4190 forest products nec | 1 | ----- | 0 | 1 | 0 | ----- | ----- | ----- | ----- |
| Subtotal pulp and waste paper | 249 | ----- | 28 | ----- | 221 | ----- | ----- | ----- | ----- |
| 4225 pulp & waste paper | 249 | ----- | 28 | ----- | 221 | ----- | ----- | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 595 | ----- | 6 | 0 | 19 | ----- | ----- | 570 | ----- |
| 4310 building stone | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- | ----- |
| 4322 limestone | 572 | ----- | ----- | ----- | 2 | ----- | ----- | 570 | ----- |
| 4323 gypsum | 0 | ----- | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| 4331 sand & gravel | 22 | ----- | 6 | 0 | 16 | ----- | ----- | ----- | ----- |
| Subtotal iron ore and scrap | 164 | ----- | 0 | 37 | 127 | ----- | ----- | ----- | ----- |
| 4420 iron & steel scrap | 164 | ----- | 0 | 37 | 127 | ----- | ----- | ----- | ----- |
| Subtotal marine shells | 0 | ----- | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| 4515 marine shells | 0 | ----- | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 1,208 | 653 | 12 | 483 | 60 | ----- | ----- | ----- | ----- |
| 4630 copper ore | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- | ----- |
| 4650 aluminum ore | 1,121 | 646 | ----- | 475 | 0 | ----- | ----- | ----- | ----- |
| 4680 non-ferrous scrap | 30 | 1 | 1 | ----- | 29 | ----- | ----- | ----- | ----- |
| 4690 non-ferrous ores nec | 57 | 6 | 12 | 8 | 31 | ----- | ----- | ----- | ----- |
| Subtotal sulphur, clay and salt | 351 | 15 | 107 | ----- | 229 | ----- | ----- | ----- | ----- |
| 4782 clay & refrac. mat. | 351 | 15 | 107 | ----- | 229 | ----- | ----- | ----- | ----- |
| Subtotal slag | 1 | ----- | ----- | ----- | 1 | ----- | ----- | ----- | ----- |
| 4860 slag | 1 | ----- | ----- | ----- | 1 | ----- | ----- | ----- | ----- |

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Foreign | | | | Canadian | | | |
|--|--------------|------------|------------|------------|------------|----------|---------|---------|----------|
| | | Imports | Exports | Through | | Imports | Exports | Through | |
| | | | | Upbound | Downbnd | | | Upbound | Downbnd |
| Subtotal other non-metal. mln. | 464 | 146 | 26 | 276 | 16 | ----- | ----- | ----- | ----- |
| 4900 non-metal. min. nec | 464 | 146 | 26 | 276 | 16 | ----- | ----- | ----- | ----- |
| Total primary manufactured goods | 2,038 | 158 | 331 | 786 | 760 | 4 | ----- | ----- | 0 |
| Subtotal paper products | 760 | 0 | 299 | 6 | 452 | 4 | ----- | ----- | ----- |
| 5110 newsprint | 358 | ----- | 276 | ----- | 78 | 4 | ----- | ----- | ----- |
| 5120 paper & paperboard | 394 | ----- | 23 | 4 | 366 | ----- | ----- | ----- | ----- |
| 5190 paper products nec | 9 | 0 | 0 | 1 | 7 | ----- | ----- | ----- | ----- |
| Subtotal lime, cement and glass | 326 | 0 | 0 | 277 | 48 | ----- | ----- | ----- | ----- |
| 5220 cement & concrete | 267 | ----- | ----- | 267 | 0 | ----- | ----- | ----- | ----- |
| 5240 glass & glass prod. | 12 | ----- | 0 | 2 | 10 | ----- | ----- | ----- | ----- |
| 5290 misc. mineral prod. | 47 | 0 | 0 | 9 | 38 | ----- | ----- | ----- | ----- |
| Subtotal primary iron and steel products | 631 | 127 | 28 | 458 | 17 | ----- | ----- | ----- | 0 |
| 5312 pig iron | 157 | ----- | ----- | 155 | 1 | ----- | ----- | ----- | ----- |
| 5315 ferro alloys | 56 | 8 | 28 | 19 | 0 | ----- | ----- | ----- | ----- |
| 5320 i&s primary forms | 106 | 11 | ----- | 95 | 1 | ----- | ----- | ----- | ----- |
| 5330 i&s plates & sheets | 134 | 53 | ----- | 74 | 8 | ----- | ----- | ----- | ----- |
| 5360 i&s bars & shapes | 29 | 17 | 0 | 11 | 1 | ----- | ----- | ----- | ----- |
| 5370 i&s pipe & tube | 66 | 35 | 0 | 31 | 0 | ----- | ----- | ----- | ----- |
| 5390 primary i&s nec | 83 | 3 | 0 | 74 | 6 | ----- | ----- | ----- | 0 |
| Subtotal primary non-ferrous metal products | 135 | 4 | 0 | 35 | 95 | ----- | ----- | ----- | ----- |
| 5421 copper | 3 | ----- | 0 | 0 | 2 | ----- | ----- | ----- | ----- |
| 5422 aluminum | 87 | 3 | 0 | 3 | 81 | ----- | ----- | ----- | ----- |
| 5429 smelted prod. nec | 9 | 1 | 0 | 6 | 2 | ----- | ----- | ----- | ----- |
| 5480 fab. metal products | 36 | 0 | 0 | 26 | 10 | ----- | ----- | ----- | ----- |
| Subtotal primary wood products | 187 | 27 | 3 | 9 | 148 | 0 | ----- | ----- | ----- |
| 5540 primary wood prod. | 187 | 27 | 3 | 9 | 148 | 0 | ----- | ----- | ----- |

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Foreign | | | | Canadian | | | |
|---|---------------|----------|--------------|------------|--------------|----------|----------|----------|----------|
| | | Imports | Exports | Through | | Imports | Exports | Through | |
| | | | | Upbound | Downbnd | | | Upbound | Downbnd |
| Total food and farm products | 18,462 | 1 | 9,291 | 129 | 9,041 | 0 | 0 | 0 | 0 |
| Subtotal fish | 13 | ----- | 1 | 0 | 12 | ----- | 0 | ----- | 0 |
| 6134 fish (not shellfish) | 13 | ----- | 1 | 0 | 12 | ----- | 0 | ----- | 0 |
| 6136 shellfish | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- | ----- |
| Subtotal grain | 16,856 | ----- | 8,770 | 2 | 8,084 | ----- | ----- | ----- | ----- |
| 6241 wheat | 14,684 | ----- | 7,039 | ----- | 7,644 | ----- | ----- | ----- | ----- |
| 6344 corn | 1,857 | ----- | 1,598 | ----- | 259 | ----- | ----- | ----- | ----- |
| 6442 rice | 2 | ----- | ----- | 2 | 0 | ----- | ----- | ----- | ----- |
| 6443 barley & rye | 224 | ----- | 58 | ----- | 166 | ----- | ----- | ----- | ----- |
| 6445 oats | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- | ----- |
| 6447 sorghum grains | 90 | ----- | 75 | ----- | 14 | ----- | ----- | ----- | ----- |
| Subtotal oilseeds | 103 | ----- | 76 | 0 | 27 | ----- | ----- | ----- | ----- |
| 6522 soybeans | 78 | ----- | 56 | 0 | 21 | ----- | ----- | ----- | ----- |
| 6590 oilseeds nec | 25 | ----- | 19 | 0 | 6 | ----- | ----- | ----- | ----- |
| Subtotal vegetable products | 397 | ----- | 5 | 96 | 296 | ----- | ----- | ----- | ----- |
| 6653 vegetable oils | 92 | ----- | ----- | 91 | 1 | ----- | ----- | ----- | ----- |
| 6654 vegetables & prod. | 305 | ----- | 5 | 5 | 295 | ----- | ----- | ----- | ----- |
| Subtotal processed grain and animal feed | 819 | ----- | 433 | 5 | 381 | ----- | ----- | ----- | ----- |
| 6746 wheat flour | 0 | ----- | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6747 grain mill products | 55 | ----- | 2 | 1 | 52 | ----- | ----- | ----- | ----- |
| 6781 hay & fodder | 282 | ----- | 21 | 0 | 261 | ----- | ----- | ----- | ----- |
| 6782 animal feed, prep. | 481 | ----- | 410 | 4 | 68 | ----- | ----- | ----- | ----- |
| Subtotal other agricultural products | 273 | 1 | 6 | 27 | 240 | 0 | ----- | 0 | ----- |
| 6811 meat, fresh, frozen | 20 | 0 | 0 | 0 | 20 | ----- | ----- | ----- | ----- |
| 6817 meat, prepared | 5 | ----- | 0 | 0 | 5 | ----- | ----- | ----- | ----- |
| 6822 dairy products | 8 | ----- | 0 | 0 | 8 | ----- | ----- | ----- | ----- |
| 6835 fish, prepared | 2 | ----- | 0 | 1 | 1 | 0 | ----- | ----- | ----- |
| 6838 tallow, animal oils | 1 | ----- | ----- | 0 | 1 | ----- | ----- | ----- | ----- |
| 6839 animals & prod. nec | 96 | 0 | 2 | 0 | 95 | ----- | ----- | ----- | ----- |
| 6856 bananas & plantains | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- | ----- |
| 6857 fruit & nuts nec | 13 | ----- | 1 | 1 | 11 | ----- | ----- | ----- | ----- |
| 6858 fruit juices | 22 | 0 | 0 | 9 | 13 | ----- | ----- | ----- | ----- |
| 6861 sugar | 2 | 0 | ----- | 1 | 1 | ----- | ----- | ----- | ----- |

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Foreign | | | | Canadian | | | |
|---|------------------|----------------|------------------|----------------|------------------|--------------|--------------|---------------|--------------|
| | | Imports | Exports | Through | | Imports | Exports | Through | |
| | | | | Upbound | Downbnd | | | Upbound | Downbnd |
| 6871 coffee | 1 | 0 | | 1 | 0 | | | | |
| 6872 cocoa beans | 4 | | | 4 | | | | | |
| 6885 alcoholic beverages | 44 | 0 | 0 | 9 | 34 | | | 0 | |
| 6888 water & ice | 2 | | | 0 | 2 | | | | |
| 6889 food products nec | 35 | 0 | 0 | 1 | 35 | | | | |
| 6891 tobacco & products | 3 | | | | 3 | | | | |
| 6893 cotton | 5 | | 2 | | 3 | | | | |
| 6894 natural fibers nec | .0 | | | 0 | | | | | |
| 6899 farm products nec | 10 | | 0 | 0 | 10 | | | | |
| Total all manufactured equipment, machinery and products | 758 | 25 | 2 | 504 | 227 | 0 | 1 | 0 | 0 |
| 7110 machinery (not elec) | 64 | 0 | 1 | 25 | 38 | | 0 | 0 | 0 |
| 7120 electrical machinery | 46 | 0 | 0 | 27 | 19 | 0 | | | 0 |
| 7210 vehicles & parts | 474 | 22 | 0 | 356 | 96 | | | | 0 |
| 7220 aircraft & parts | 0 | | 0 | | 0 | | | | |
| 7230 ships & boats | 2 | 0 | 0 | 0 | 1 | | 1 | | |
| 7300 ordnance & access. | 0 | | 0 | 0 | 0 | | | | |
| 7400 manufac. wood prod. | 14 | 1 | 0 | 3 | 9 | | | | |
| 7500 textile products | 35 | 0 | 0 | 13 | 21 | | | 0 | 0 |
| 7600 rubber & plastic pr. | 33 | 0 | 0 | 20 | 13 | | | | |
| 7900 manufac. prod. nec | 91 | 0 | 0 | 60 | 30 | | | 0 | 0 |
| Total unknown or not elsewhere classified | 10 | 1 | 0 | 2 | 6 | | | 0 | |
| 9900 unknown or nec | 10 | 1 | 0 | 2 | 6 | | | 0 | |
| Ton-miles Foreign & Canadian (x1000) | 2,943,167 | 112,760 | 1,047,977 | 269,444 | 1,429,589 | 2,494 | 6,213 | 73,301 | 1,390 |

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Coastwise | | | |
|--|--------------|------------|------------|--------------|------------|
| | | Receipts | Shipments | Through | |
| | | | | Upbound | Downbnd |
| Total, all commodities | 4,307 | 510 | 260 | 3,231 | 305 |
| Total petroleum and petroleum products | 2,974 | 51 | 12 | 2,808 | 104 |
| Subtotal crude petroleum | 70 | ----- | ----- | 70 | ----- |
| 2100 crude petroleum | 70 | ----- | ----- | 70 | ----- |
| Subtotal petroleum products | 2,904 | 51 | 12 | 2,738 | 104 |
| 2211 gasoline | 1,330 | ----- | 4 | 1,293 | 32 |
| 2330 distillate fuel oil | 796 | 27 | 8 | 714 | 47 |
| 2340 residual fuel oil | 585 | 23 | ----- | 547 | 15 |
| 2350 lube oil & greases | 112 | ----- | ----- | 112 | ----- |
| 2429 naphtha & solvents | 5 | ----- | ----- | ----- | 5 |
| 2430 asphalt, tar & pitch | 77 | ----- | ----- | 72 | 5 |
| Total chemicals and related products | 648 | 45 | 94 | 421 | 88 |
| Subtotal fertilizers | 180 | ----- | 19 | 161 | ----- |
| 3110 nitrogenous fert. | 165 | ----- | 4 | 161 | ----- |
| 3130 potassic fert. | 3 | ----- | 3 | ----- | ----- |
| 3190 fert. & mixes nec | 11 | ----- | 11 | ----- | ----- |
| Subtotal other chemicals and related products | 469 | 45 | 75 | 260 | 88 |
| 3212 benzene & toluene | 34 | 34 | ----- | ----- | ----- |
| 3220 alcohols | 38 | 11 | 4 | 1 | 22 |
| 3273 ammonia | 238 | ----- | ----- | 238 | ----- |
| 3274 sodium hydroxide | 134 | ----- | 71 | ----- | 63 |
| 3276 metallic salts | 5 | ----- | ----- | 5 | ----- |
| 3286 plastics | 3 | ----- | ----- | ----- | 3 |
| 3297 chemical additives | 5 | ----- | ----- | 5 | ----- |
| 3298 wood & resin chem. | 9 | ----- | ----- | 9 | ----- |
| Total crude materials, inedible except fuels | 610 | 415 | 133 | 3 | 60 |
| Subtotal forest products, wood and chips | 542 | 349 | 133 | ----- | 60 |
| 4161 wood chips | 315 | 313 | ----- | ----- | 3 |
| 4170 wood in the rough | 51 | 36 | 7 | ----- | 8 |
| 4189 lumber | 175 | ----- | 127 | ----- | 49 |
| Subtotal non-ferrous ores and scrap | 3 | ----- | ----- | 3 | ----- |
| 4680 non-ferrous scrap | 3 | ----- | ----- | 3 | ----- |
| Subtotal other non-metal. min. | 66 | 66 | ----- | ----- | ----- |
| 4900 non-metal. min. nec | 66 | 66 | ----- | ----- | ----- |
| Total primary manufactured goods | 60 | ----- | 7 | ----- | 54 |
| Subtotal paper products | 39 | ----- | 3 | ----- | 36 |
| 5190 paper products nec | 39 | ----- | 3 | ----- | 36 |
| Subtotal primary iron and steel products | 11 | ----- | 1 | ----- | 10 |
| 5330 i&s plates & sheets | 0 | ----- | ----- | ----- | 0 |
| 5360 i&s bars & shapes | 9 | ----- | 1 | ----- | 8 |
| 5370 i&s pipe & tube | 2 | ----- | ----- | ----- | 2 |
| Subtotal primary non-ferrous metal products | 1 | ----- | 1 | ----- | ----- |
| 5480 fab. metal products | 1 | ----- | 1 | ----- | ----- |

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Coastwise | | | |
|---|----------------|---------------|---------------|----------------------------|---------------|
| | | Receipts | Shipments | Through Upbound Downbnd | |
| Subtotal primary wood products | 9 | ----- | 1 | ----- | 8 |
| 5540 primary wood prod. | 9 | ----- | 1 | ----- | 8 |
| Total food and farm products | 14 | ----- | 14 | ----- | ----- |
| Subtotal grain | 14 | ----- | 14 | ----- | ----- |
| 6241 wheat | 14 | ----- | 14 | ----- | ----- |
| Total all manufactured equipment, machinery and products | 0 | ----- | ----- | ----- | 0 |
| 7110 machinery (not elec) | 0 | ----- | ----- | ----- | 0 |
| 7230 ships & boats | 0 | ----- | ----- | ----- | 0 |
| 7400 manufac. wood prod. | 0 | ----- | ----- | ----- | 0 |
| 7900 manufac. prod. nec | 0 | ----- | ----- | ----- | 0 |
| Ton-miles (x1000) Coastwise | 409,749 | 33,746 | 18,812 | 326,379 | 30,812 |

| Commodity | Total | Internal | | | | | | | |
|--|---------------|--------------|--------------|------------|--------------|--------------|--------------|------------|--------------|
| | | Inbound | | Outbound | | Through | | Intra | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| Total, all commodities | 13,899 | 1,039 | 2,300 | 337 | 1,676 | 2,696 | 2,408 | 920 | 2,525 |
| Total petroleum and petroleum products | 2,096 | 532 | 155 | 24 | 9 | 1,352 | 21 | 2 | ----- |
| Subtotal petroleum products | 2,096 | 532 | 155 | 24 | 9 | 1,352 | 21 | 2 | ----- |
| 2211 gasoline | 924 | 23 | ----- | 15 | 9 | 860 | 15 | 2 | ----- |
| 2330 distillate fuel oil | 809 | 316 | 6 | 6 | ----- | 475 | 6 | ----- | ----- |
| 2340 residual fuel oil | 363 | 194 | 149 | 3 | 0 | 17 | ----- | 0 | ----- |
| Total chemicals and related products | 433 | 214 | 20 | 35 | 50 | 17 | 0 | 63 | 33 |
| Subtotal fertilizers | 149 | ----- | ----- | 27 | 50 | ----- | ----- | 39 | 33 |
| 3110 nitrogenous fert. | 149 | ----- | ----- | 27 | 50 | ----- | ----- | 39 | 33 |
| Subtotal other chemicals and related products | 284 | 214 | 20 | 8 | 0 | 17 | 0 | 24 | ----- |
| 3273 ammonia | 231 | 213 | ----- | 8 | ----- | 9 | ----- | ----- | ----- |
| 3274 sodium hydroxide | 43 | ----- | 20 | ----- | ----- | ----- | ----- | 24 | ----- |

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Internal | | | | | | | |
|---|--------------|------------|------------|------------|------------|--------------|-----------|------------|--------------|
| | | Inbound | | Outbound | | Through | | Intra | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| 3276 metallic salts | 8 | | 1 | | | 7 | | | |
| 3286 plastics | 1 | 1 | | | 0 | | 0 | | |
| Total crude materials, inedible except fuels | 4,576 | 197 | 866 | 7 | 116 | 1,304 | 79 | 644 | 1,364 |
| Subtotal forest products, wood and chips | 2,976 | 118 | 857 | 1 | 0 | 82 | 64 | 561 | 1,292 |
| 4150 fuel wood | 36 | 27 | 9 | | | | | | |
| 4161 wood chips | 2,071 | 92 | 578 | | | | | 517 | 884 |
| 4170 wood in the rough | 721 | | 270 | | 0 | | | 43 | 408 |
| 4189 lumber | 1 | | | | | | 0 | | 0 |
| 4190 forest products nec | 148 | 0 | | 1 | | 82 | 64 | 2 | |
| Subtotal pulp and waste paper | 63 | | 8 | 6 | 6 | | 12 | 19 | 13 |
| 4225 pulp & waste paper | 63 | | 8 | 6 | 6 | | 12 | 19 | 13 |
| Subtotal soil, sand, gravel, rock and stone | 1,531 | 78 | 1 | | 110 | 1,219 | 0 | 64 | 59 |
| 4331 sand & gravel | 1,531 | 78 | 1 | | 110 | 1,219 | 0 | 64 | 59 |
| Subtotal non-ferrous ores and scrap | 3 | | | | | 3 | | | |
| 4680 non-ferrous scrap | 3 | | | | | 3 | | | |
| Subtotal sulphur, clay and salt | 3 | | | | | | 3 | | |
| 4782 clay & refrac. mat. | 3 | | | | | | 3 | | |
| Total primary manufactured goods | 653 | 5 | 6 | 271 | 311 | 2 | 44 | 13 | 1 |
| Subtotal paper products | 646 | 4 | 6 | 271 | 305 | 2 | 44 | 13 | 1 |
| 5120 paper & paperboard | 599 | 4 | 6 | 271 | 304 | | | 13 | 1 |
| 5190 paper products nec | 47 | | | | 1 | 2 | 44 | | |
| Subtotal primary iron and steel products | 0 | | | | 0 | | | | 0 |
| 5360 i&s bars & shapes | 0 | | | | 0 | | | | 0 |

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Internal | | | | | | | |
|--|--------------|-----------|--------------|----------|--------------|-----------|--------------|----------|--------------|
| | | Inbound | | Outbound | | Through | | Intra | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| Subtotal primary non-ferrous metal products | 2 | 1 | ----- | ----- | 1 | ----- | ----- | ----- | ----- |
| 5480 fab. metal products | 2 | 1 | ----- | ----- | 1 | ----- | ----- | ----- | ----- |
| Subtotal primary wood products | 4 | ----- | ----- | ----- | 4 | ----- | ----- | ----- | ----- |
| 5540 primary wood prod. | 4 | ----- | ----- | ----- | 4 | ----- | ----- | ----- | ----- |
| Total food and farm products | 5,894 | 84 | 1,252 | ----- | 1,189 | 12 | 2,261 | 8 | 1,089 |
| Subtotal fish | 52 | 41 | ----- | ----- | ----- | 11 | ----- | ----- | ----- |
| 6134 fish (not shellfish) | 48 | 38 | ----- | ----- | ----- | 10 | ----- | ----- | ----- |
| 6136 shellfish | 5 | 3 | ----- | ----- | ----- | 2 | ----- | ----- | ----- |
| Subtotal grain | 5,744 | 43 | 1,252 | ----- | 1,123 | ----- | 2,229 | 8 | 1,089 |
| 6241 wheat | 5,584 | 43 | 1,192 | ----- | 1,114 | ----- | 2,146 | 8 | 1,081 |
| 6344 corn | 5 | ----- | ----- | ----- | 5 | ----- | 0 | ----- | ----- |
| 6443 barley & rye | 155 | ----- | 60 | ----- | 4 | ----- | 83 | ----- | 8 |
| Subtotal oilseeds | 0 | ----- | ----- | ----- | 0 | ----- | 0 | ----- | ----- |
| 6522 soybeans | 0 | ----- | ----- | ----- | 0 | ----- | 0 | ----- | ----- |
| Subtotal vegetable products | 38 | ----- | ----- | ----- | 8 | 0 | 30 | ----- | ----- |
| 6654 vegetables & prod. | 38 | ----- | ----- | ----- | 8 | 0 | 30 | ----- | ----- |
| Subtotal processed grain and animal feed | 39 | ----- | ----- | ----- | 38 | 0 | 1 | ----- | ----- |
| 6747 grain mill products | 3 | ----- | ----- | ----- | 2 | 0 | 1 | ----- | ----- |
| 6781 hay & fodder | 37 | ----- | ----- | ----- | 36 | ----- | 1 | ----- | ----- |
| 6782 animal feed, prep. | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal other agricultural products | 20 | ----- | ----- | ----- | 19 | ----- | 1 | ----- | ----- |
| 6839 animals & prod. nec | 18 | ----- | ----- | ----- | 18 | ----- | ----- | ----- | ----- |
| 6857 fruit & nuts nec | 1 | ----- | ----- | ----- | 1 | ----- | ----- | ----- | ----- |
| 6858 fruit juices | 1 | ----- | ----- | ----- | 1 | ----- | ----- | ----- | ----- |
| 6899 farm products nec | 1 | ----- | ----- | ----- | 0 | ----- | 1 | ----- | ----- |

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Internal | | | | | | | |
|---|------------------|----------------|------------------|---------------|----------------|----------------|----------------|---------------|----------------|
| | | Inbound | | Outbound | | Through | | Intra | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| Total all manufactured equipment, machinery and products | 56 | 7 | ----- | ----- | 1 | 10 | 2 | ----- | 37 |
| 7110 machinery (not elec) | 1 | ----- | ----- | ----- | ----- | ----- | 1 | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | ----- | ----- | ----- | 0 | 0 | 0 | ----- | ----- |
| 7800 empty containers | 55 | 7 | ----- | ----- | 0 | 10 | 1 | ----- | 37 |
| 7900 manufac. prod. nec | 0 | ----- | ----- | ----- | 0 | ----- | 0 | ----- | ----- |
| Total waste and scrap nec | 191 | ----- | ----- | ----- | 1 | ----- | ----- | 190 | 1 |
| 8900 waste and scrap nec | 191 | ----- | ----- | ----- | 1 | ----- | ----- | 190 | 1 |
| Ton-miles Internal (x1000) | 2,120,054 | 113,838 | 464,733 | 23,039 | 225,117 | 337,736 | 533,965 | 67,910 | 353,717 |
| Tons All Traffic (x1000) | | | 50,912 | | | | | | |
| Ton-miles All Traffic (x1000) | | | 5,472,971 | | | | | | |

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR

Section Included: Columbia River from mouth to the mouth of Willamette River; Willamette River from mouth to Broadway Bridge at Portland, OR, a distance of 113 miles; Columbia River from mouth of Willamette River to Interstate Bridge, Vancouver, WA, a distance of 5 miles. Controlling Depth: Mouth of Columbia River to mouth of Willamette and up the Willamette to Broadway Bridge in Portland, 38 feet; in the reach of Columbia River from the mouth of Willamette River to the lower turning basin at Vancouver, WA, 38 feet. Project Depth: 40 feet in main channel from mouth of Columbia River to Broadway Bridge at Portland, OR; 40 feet in Columbia River from mouth of Willamette River to Railroad Bridge, Vancouver, WA; 35 feet from Railroad Bridge to Interstate Bridge, Vancouver, WA.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|--------|------|--------|
| 1985 | 42,604 | 1990 | 51,479 |
| 1986 | 42,315 | 1991 | 50,622 |
| 1987 | 45,662 | 1992 | 50,890 |
| 1988 | 53,694 | 1993 | 50,566 |
| 1989 | 54,756 | 1994 | 50,703 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | | | Canadian | |
|--|---------------|--------------|---------------|------------|--------------|------------|------------|
| | | Imports | Exports | Through | | Imports | Exports |
| | | | | Upbound | Downbd | | |
| Total, all commodities | 32,706 | 3,421 | 25,009 | 505 | 2,828 | 833 | 110 |
| Total coal | 2 | ----- | ----- | ----- | 2 | ----- | ----- |
| 1100 coal lignite | 2 | ----- | ----- | ----- | 2 | ----- | ----- |
| Total petroleum and petroleum products | 972 | 287 | 446 | 65 | 7 | 81 | 86 |
| Subtotal crude petroleum | 258 | 192 | ----- | 65 | 0 | ----- | ----- |
| 2100 crude petroleum | 258 | 192 | ----- | 65 | 0 | ----- | ----- |
| Subtotal petroleum products | 714 | 95 | 446 | 0 | 7 | 81 | 86 |
| 2211 gasoline | 67 | 17 | ----- | ----- | ----- | 50 | ----- |
| 2330 distillate fuel oil | 31 | ----- | ----- | ----- | 0 | 30 | ----- |
| 2340 residual fuel oil | 1 | ----- | ----- | ----- | 1 | ----- | ----- |
| 2350 lube oil & greases | 4 | ----- | 0 | 0 | 3 | ----- | ----- |
| 2410 petro. jelly & waxes | 1 | ----- | 0 | ----- | 1 | ----- | ----- |
| 2429 naphtha & solvents | 0 | ----- | ----- | ----- | 0 | ----- | ----- |
| 2430 asphalt, tar & pitch | 78 | 78 | 0 | ----- | 0 | ----- | ----- |
| 2540 petroleum coke | 533 | ----- | 445 | ----- | 1 | ----- | 86 |
| 2640 liquid natural gas | 0 | ----- | ----- | ----- | 0 | ----- | ----- |
| Total chemicals and related products | 3,068 | 266 | 2,544 | 15 | 149 | 76 | 18 |
| Subtotal fertilizers | 382 | 25 | 351 | 0 | 6 | ----- | ----- |
| 3110 nitrogenous fert. | 29 | 25 | 3 | ----- | 1 | ----- | ----- |
| 3130 potassic fert. | 348 | ----- | 348 | ----- | ----- | ----- | ----- |
| 3190 fert. & mixes nec | 5 | ----- | ----- | 0 | 5 | ----- | ----- |
| Subtotal other chemicals and related products | 2,685 | 241 | 2,193 | 15 | 143 | 76 | 18 |
| 3211 acyclic hydrocarbons | 0 | ----- | 0 | ----- | 0 | ----- | ----- |

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | | | Canadian | |
|---|--------------|--------------|--------------|-----------|------------|------------|----------|
| | | Imports | Exports | Through | | Imports | Exports |
| | | | | Upbound | Downbnd | | |
| 3212 benzene & toluene | 27 | 27 | | | 0 | | |
| 3219 other hydrocarbons | 1 | | 0 | 0 | 1 | | |
| 3220 alcohols | 119 | 37 | 1 | 1 | 4 | 76 | |
| 3230 carboxylic acids | 11 | 0 | 0 | 0 | 11 | | |
| 3240 nitrogen func. comp. | 6 | | 0 | 0 | 6 | | |
| 3250 organo- inorgan. comp | 1 | | 0 | 0 | 1 | | |
| 3260 organic comp. nec | 3 | 0 | 0 | 0 | 3 | | |
| 3272 sulphuric acid | 0 | | | | 0 | | |
| 3274 sodium hydroxide | 15 | | | 0 | | | 15 |
| 3275 inorg. elem., oxides, & halogen salts | 154 | 137 | 6 | 1 | 10 | | 1 |
| 3276 metallic salts | 2,258 | 40 | 2,182 | 0 | 35 | | 1 |
| 3279 inorganic chem. nec | 1 | 0 | 0 | 0 | 0 | | |
| 3281 radioactive material | 0 | | | 0 | | | |
| 3282 pigments & paints | 2 | 0 | 0 | 0 | 1 | | |
| 3283 coloring mat. nec | 0 | | 0 | 0 | 0 | | |
| 3284 medicines | 2 | | 0 | 0 | 2 | | |
| 3285 perfumes & cleansers | 20 | 0 | 1 | 2 | 18 | | |
| 3286 plastics | 42 | 0 | 2 | 8 | 31 | | |
| 3291 pesticides | 0 | | 0 | | 0 | | |
| 3292 starches, gluten, glue | 12 | | 0 | 0 | 11 | | |
| 3293 explosives | 0 | 0 | 0 | 0 | 0 | | |
| 3297 chemical additives | 4 | | 0 | | 4 | | |
| 3298 wood & resin chem. | 1 | | 0 | | 1 | | |
| 3299 chem. products nec | 5 | 0 | 0 | 1 | 4 | | |
| Total crude materials, inedible except fuels | 7,396 | 1,648 | 4,304 | 40 | 727 | 672 | 5 |
| Subtotal forest products, wood and chips | 4,364 | 76 | 3,693 | 3 | 486 | 102 | 5 |
| 4150 fuel wood | 111 | | 0 | | 9 | 102 | |
| 4161 wood chips | 630 | 0 | 624 | | 1 | | 5 |
| 4170 wood in the rough | 2,990 | 6 | 2,885 | 0 | 99 | | |
| 4189 lumber | 633 | 70 | 183 | 2 | 378 | | |
| 4190 forest products nec | 1 | 0 | 0 | 1 | 0 | | |
| Subtotal pulp and waste paper | 249 | | 99 | | 150 | | |
| 4225 pulp & waste paper | 249 | | 99 | | 150 | | |
| Subtotal soil, sand, gravel, rock and stone | 595 | 0 | 17 | 0 | 7 | 570 | |
| 4310 building stone | 0 | 0 | | 0 | 0 | | |
| 4322 limestone | 572 | | 0 | | 2 | 570 | |
| 4323 gypsum | 0 | | 0 | 0 | 0 | | |
| 4331 sand & gravel | 22 | 0 | 17 | 0 | 5 | | |
| Subtotal iron ore and scrap | 164 | | 111 | 37 | 16 | | |
| 4420 iron & steel scrap | 164 | | 111 | 37 | 16 | | |
| Subtotal marine shells | 0 | | 0 | 0 | 0 | | |
| 4515 marine shells | 0 | | 0 | 0 | 0 | | |
| Subtotal non-ferrous ores and scrap | 1,208 | 1,135 | 37 | 0 | 36 | | |
| 4630 copper ore | 0 | | | | 0 | | |
| 4650 aluminum ore | 1,121 | 1,121 | 0 | 0 | 0 | | |

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Foreign | | | | Canadian | |
|--|---------------|------------|---------------|-----------|--------------|----------|----------|
| | | Imports | Exports | Through | | Imports | Exports |
| | | | | Upbound | Downbnd | | |
| 4680 non-ferrous scrap | 30 | 1 | 1 | ----- | 29 | ----- | ----- |
| 4690 non-ferrous ores nec | 57 | 14 | 36 | ----- | 7 | ----- | ----- |
| Subtotal sulphur, clay and salt | 351 | 15 | 321 | ----- | 15 | ----- | ----- |
| 4782 clay & refrac. mat. | 351 | 15 | 321 | ----- | 15 | ----- | ----- |
| Subtotal slag | 1 | ----- | ----- | ----- | 1 | ----- | ----- |
| 4860 slag | 1 | ----- | ----- | ----- | 1 | ----- | ----- |
| Subtotal other non-metal. min. | 464 | 422 | 26 | 0 | 16 | ----- | ----- |
| 4900 non-metal. min. nec | 464 | 422 | 26 | 0 | 16 | ----- | ----- |
| Total primary manufactured goods | 2,038 | 892 | 395 | 52 | 695 | 4 | ----- |
| Subtotal paper products | 760 | 0 | 310 | 5 | 441 | 4 | ----- |
| 5110 newsprint | 358 | ----- | 277 | ----- | 77 | 4 | ----- |
| 5120 paper & paperboard | 394 | 0 | 33 | 4 | 357 | ----- | ----- |
| 5190 paper products nec | 9 | 0 | 1 | 1 | 7 | ----- | ----- |
| Subtotal lime, cement and glass | 326 | 267 | 1 | 10 | 47 | ----- | ----- |
| 5220 cement & concrete | 267 | 267 | ----- | ----- | 0 | ----- | ----- |
| 5240 glass & glass prod. | 12 | 0 | 0 | 2 | 10 | ----- | ----- |
| 5290 misc. mineral prod. | 47 | 1 | 1 | 8 | 37 | ----- | ----- |
| Subtotal primary iron and steel products | 631 | 581 | 28 | 4 | 17 | ----- | ----- |
| 5312 pig iron | 157 | 155 | 0 | ----- | 1 | ----- | ----- |
| 5315 ferro alloys | 56 | 27 | 28 | 0 | 0 | ----- | ----- |
| 5320 i&s primary forms | 106 | 105 | 0 | ----- | 1 | ----- | ----- |
| 5330 i&s plates & sheets | 134 | 126 | 0 | 1 | 8 | ----- | ----- |
| 5360 i&s bars & shapes | 29 | 27 | 0 | 0 | 1 | ----- | ----- |
| 5370 i&s pipe & tube | 66 | 63 | 0 | 2 | 0 | ----- | ----- |
| 5390 primary i&s nec | 83 | 77 | 0 | 0 | 6 | ----- | ----- |
| Subtotal primary non-ferrous metal products | 135 | 10 | 29 | 30 | 66 | ----- | ----- |
| 5421 copper | 3 | 0 | 0 | 0 | 2 | ----- | ----- |
| 5422 aluminum | 87 | 6 | 29 | 0 | 52 | ----- | ----- |
| 5429 smelted prod. nec | 9 | 3 | 0 | 4 | 2 | ----- | ----- |
| 5480 fab. metal products | 36 | 1 | 0 | 25 | 10 | ----- | ----- |
| Subtotal primary wood products | 187 | 34 | 26 | 3 | 124 | 0 | ----- |
| 5540 primary wood prod. | 187 | 34 | 26 | 3 | 124 | 0 | ----- |
| Total food and farm products | 18,462 | 99 | 17,305 | 31 | 1,027 | 0 | 0 |
| Subtotal fish | 13 | 0 | 1 | 0 | 12 | ----- | 0 |
| 6134 fish (not shellfish) | 13 | ----- | 1 | 0 | 12 | ----- | 0 |
| 6136 shellfish | 0 | 0 | ----- | 0 | 0 | ----- | ----- |
| Subtotal grain | 16,856 | 0 | 16,733 | 2 | 122 | ----- | ----- |
| 6241 wheat | 14,684 | ----- | 14,644 | ----- | 39 | ----- | ----- |
| 6344 corn | 1,857 | ----- | 1,775 | ----- | 82 | ----- | ----- |
| 6442 rice | 2 | 0 | ----- | 2 | 0 | ----- | ----- |
| 6443 barley & rye | 224 | ----- | 224 | ----- | 0 | ----- | ----- |
| 6445 oats | 0 | 0 | ----- | ----- | 0 | ----- | ----- |
| 6447 sorghum grains | 90 | ----- | 90 | ----- | 0 | ----- | ----- |

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | | | Canadian | |
|---|------------|------------|------------|------------|------------|----------|----------|
| | | Imports | Exports | Through | | Imports | Exports |
| | | | | Upbound | Downbnd | | |
| Subtotal oilseeds | 103 | ----- | 84 | 0 | 18 | ----- | ----- |
| 6522 soybeans | 78 | ----- | 65 | 0 | 13 | ----- | ----- |
| 6590 oilseeds nec | 25 | ----- | 19 | 0 | 6 | ----- | ----- |
| Subtotal vegetable products | 397 | 90 | 11 | 6 | 291 | ----- | ----- |
| 6653 vegetable oils | 92 | 90 | 0 | 1 | 1 | ----- | ----- |
| 6654 vegetables & prod. | 305 | 0 | 11 | 5 | 290 | ----- | ----- |
| Subtotal processed grain and animal feed | 819 | 4 | 464 | 1 | 350 | ----- | ----- |
| 6746 wheat flour | 0 | ----- | 0 | ----- | 0 | ----- | ----- |
| 6747 grain mill products | 55 | 0 | 3 | 1 | 51 | ----- | ----- |
| 6781 hay & fodder | 282 | ----- | 26 | 0 | 256 | ----- | ----- |
| 6782 animal feed, prep. | 481 | 4 | 435 | 0 | 43 | ----- | ----- |
| Subtotal other agricultural products | 273 | 4 | 12 | 23 | 234 | 0 | ----- |
| 6811 meat, fresh, frozen | 20 | 0 | 1 | ----- | 19 | ----- | ----- |
| 6817 meat, prepared | 5 | ----- | 0 | 0 | 5 | ----- | ----- |
| 6822 dairy products | 8 | 0 | 0 | 0 | 8 | ----- | ----- |
| 6835 fish, prepared | 2 | ----- | 1 | 1 | 0 | 0 | ----- |
| 6838 tallow, animal oils | 1 | ----- | 1 | 0 | 0 | ----- | ----- |
| 6839 animals & prod. nec | 96 | 0 | 3 | 0 | 93 | ----- | ----- |
| 6856 bananas & plantains | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| 6857 fruit & nuts nec | 13 | 0 | 1 | 1 | 11 | ----- | ----- |
| 6858 fruit juices | 22 | 2 | 1 | 7 | 13 | ----- | ----- |
| 6861 sugar | 2 | 0 | 0 | 1 | 1 | ----- | ----- |
| 6871 coffee | 1 | 1 | 0 | 0 | 0 | ----- | ----- |
| 6872 cocoa beans | 4 | ----- | ----- | 4 | ----- | ----- | ----- |
| 6885 alcoholic beverages | 44 | 1 | 0 | 8 | 34 | 0 | ----- |
| 6888 water & ice | 2 | ----- | 0 | 0 | 1 | ----- | ----- |
| 6889 food products nec | 35 | 0 | 1 | 1 | 34 | ----- | ----- |
| 6891 tobacco & products | 3 | ----- | ----- | ----- | 3 | ----- | ----- |
| 6893 cotton | 5 | ----- | 3 | ----- | 2 | ----- | ----- |
| 6894 natural fibers nec | 0 | ----- | ----- | 0 | ----- | ----- | ----- |
| 6899 farm products nec | 10 | 0 | 1 | 0 | 10 | ----- | ----- |
| Total all manufactured equipment, machinery and products | 758 | 228 | 15 | 301 | 214 | 0 | 1 |
| 7110 machinery (not elec) | 64 | 2 | 2 | 24 | 36 | 0 | 0 |
| 7120 electrical machinery | 46 | 1 | 2 | 26 | 18 | 0 | 0 |
| 7210 vehicles & parts | 474 | 212 | 8 | 166 | 88 | ----- | 0 |
| 7220 aircraft & parts | 0 | ----- | 0 | ----- | 0 | ----- | ----- |
| 7230 ships & boats | 2 | 0 | 0 | 0 | 1 | ----- | 1 |
| 7300 ordnance & access. | 0 | 0 | 0 | 0 | 0 | ----- | ----- |
| 7400 manufac. wood prod. | 14 | 2 | 1 | 3 | 9 | ----- | ----- |
| 7500 textile products | 35 | 0 | 1 | 13 | 20 | 0 | ----- |
| 7600 rubber & plastic pr. | 33 | 0 | 1 | 19 | 12 | ----- | ----- |
| 7900 manufac. prod. nec | 90 | 10 | 1 | 50 | 30 | ----- | ----- |
| Total unknown or not elsewhere classified | 10 | 2 | 0 | 2 | 6 | 0 | ----- |
| 9900 unknown or nec | 10 | 2 | 0 | 2 | 6 | 0 | ----- |

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Foreign | | | | Canadian | |
|-------------------------------|------------------|----------------|------------------|---------------|----------------|---------------|--------------|
| | | Imports | Exports | Through | | Imports | Exports |
| | | | | Upbound | Downbnd | | |
| Ton-miles (x1000) | 3,098,195 | | 2,304,002 | | 296,924 | | 7,722 |
| Foreign & Canadian | | 352,726 | | 53,045 | | 83,775 | |

| Commodity | Total | Coastwise | | | |
|--|--------------|--------------|------------|-----------|----------|
| | | Receipts | Shipments | Through | |
| | | | | Upbound | Downbnd |
| Total, all commodities | 4,307 | 3,666 | 561 | 76 | 4 |
| Total petroleum and petroleum products | 2,974 | 2,858 | 116 | ----- | ----- |
| Subtotal crude petroleum | 70 | 70 | ----- | ----- | ----- |
| 2100 crude petroleum | 70 | 70 | ----- | ----- | ----- |
| Subtotal petroleum products | 2,904 | 2,789 | 116 | ----- | ----- |
| 2211 gasoline | 1,330 | 1,293 | 36 | ----- | ----- |
| 2330 distillate fuel oil | 796 | 741 | 55 | ----- | ----- |
| 2340 residual fuel oil | 585 | 570 | 15 | ----- | ----- |
| 2350 lube oil & greases | 112 | 112 | ----- | ----- | ----- |
| 2429 naphtha & solvents | 5 | ----- | 5 | ----- | ----- |
| 2430 asphalt, tar & pitch | 77 | 72 | 5 | ----- | ----- |
| Total chemicals and related products | 648 | 466 | 182 | ----- | ----- |
| Subtotal fertilizers | 180 | 161 | 19 | ----- | ----- |
| 3110 nitrogenous fert. | 165 | 161 | 4 | ----- | ----- |
| 3130 potassic fert. | 3 | ----- | 3 | ----- | ----- |
| 3190 fert. & mixes nec | 11 | ----- | 11 | ----- | ----- |
| Subtotal other chemicals and related products | 469 | 305 | 163 | ----- | ----- |
| 3212 benzene & toluene | 34 | 34 | ----- | ----- | ----- |
| 3220 alcohols | 38 | 12 | 26 | ----- | ----- |
| 3273 ammonia | 238 | 238 | ----- | ----- | ----- |
| 3274 sodium hydroxide | 134 | ----- | 134 | ----- | ----- |
| 3276 metallic salts | 5 | 5 | ----- | ----- | ----- |
| 3286 plastics | 3 | ----- | 3 | ----- | ----- |
| 3297 chemical additives | 5 | 5 | ----- | ----- | ----- |
| 3298 wood & resin chem. | 9 | 9 | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 610 | 341 | 189 | 76 | 4 |
| Subtotal forest products, wood and chips | 542 | 273 | 189 | 76 | 4 |
| 4161 wood chips | 315 | 267 | 3 | 46 | ----- |
| 4170 wood in the rough | 51 | 6 | 11 | 30 | 4 |
| 4189 lumber | 175 | ----- | 175 | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 3 | 3 | ----- | ----- | ----- |
| 4680 non-ferrous scrap | 3 | 3 | ----- | ----- | ----- |
| Subtotal other non-metal. min. | 66 | 66 | ----- | ----- | ----- |
| 4900 non-metal. min. nec | 66 | 66 | ----- | ----- | ----- |

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Coastwise | | | |
|---|----------------|----------------|---------------|--------------|------------|
| | | Receipts | Shipments | Through | |
| | | | | Upbound | Downbnd |
| Total primary manufactured goods | 60 | ----- | 60 | ----- | ----- |
| Subtotal paper products | 39 | ----- | 39 | ----- | ----- |
| 5190 paper products nec | 39 | ----- | 39 | ----- | ----- |
| Subtotal primary iron and steel products | 11 | ----- | 11 | ----- | ----- |
| 5330 i&s plates & sheets | 0 | ----- | 0 | ----- | ----- |
| 5360 i&s bars & shapes | 9 | ----- | 9 | ----- | ----- |
| 5370 i&s pipe & tube | 2 | ----- | 2 | ----- | ----- |
| Subtotal primary non-ferrous metal products | 1 | ----- | 1 | ----- | ----- |
| 5480 fab. metal products | 1 | ----- | 1 | ----- | ----- |
| Subtotal primary wood products | 9 | ----- | 9 | ----- | ----- |
| 5540 primary wood prod. | 9 | ----- | 9 | ----- | ----- |
| Total food and farm products | 14 | ----- | 14 | ----- | ----- |
| Subtotal grain | 14 | ----- | 14 | ----- | ----- |
| 6241 wheat | 14 | ----- | 14 | ----- | ----- |
| Total all manufactured equipment, machinery and products | 0 | ----- | 0 | ----- | ----- |
| 7110 machinery (not elec) | 0 | ----- | 0 | ----- | ----- |
| 7230 ships & boats | 0 | ----- | 0 | ----- | ----- |
| 7400 manufac. wood prod. | 0 | ----- | 0 | ----- | ----- |
| 7900 manufac. prod. nec | 0 | ----- | 0 | ----- | ----- |
| Ton-miles (x1000) | 437,144 | | 51,610 | | 475 |
| Coastwise | | 376,984 | | 8,075 | |

| Commodity | Total | Internal | | | | | | | |
|---|---------------|--------------|--------------|------------|--------------|------------|------------|--------------|------------|
| | | Inbound | | Outbound | | Through | | Intra | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| Total, all commodities | 13,690 | 4,999 | 4,237 | 457 | 2,006 | 330 | 224 | 1,122 | 316 |
| Total petroleum and petroleum products | 2,395 | 21 | ----- | 20 | 1,659 | ----- | ----- | 545 | 151 |
| Subtotal petroleum products | 2,395 | 21 | ----- | 20 | 1,659 | ----- | ----- | 545 | 151 |
| 2211 gasoline | 1,001 | 15 | ----- | 15 | 865 | ----- | ----- | 107 | ----- |
| 2330 distillate fuel oil | 844 | 6 | ----- | 4 | 772 | ----- | ----- | 60 | 2 |
| 2340 residual fuel oil | 550 | ----- | ----- | 0 | 22 | ----- | ----- | 378 | 149 |

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Internal | | | | | | | |
|--|--------------|--------------|--------------|------------|------------|------------|-----------|------------|------------|
| | | Inbound | | Outbound | | Through | | Intra | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| Total chemicals and related products | 408 | 50 | 7 | 59 | 230 | 1 | 1 | 36 | 25 |
| Subtotal fertilizers | 127 | 50 | 7 | 31 | ----- | ----- | ----- | 35 | 5 |
| 3110 nitrogenous fert. | 127 | 50 | 7 | 31 | ----- | ----- | ----- | 35 | 5 |
| Subtotal other chemicals and related products | 281 | ----- | ----- | 28 | 230 | 1 | 1 | 1 | 20 |
| 3220 alcohols | 1 | ----- | ----- | ----- | ----- | ----- | ----- | 1 | ----- |
| 3273 ammonia | 223 | ----- | ----- | ----- | 223 | ----- | ----- | ----- | ----- |
| 3274 sodium hydroxide | 43 | ----- | ----- | 24 | ----- | ----- | ----- | ----- | 20 |
| 3276 metallic salts | 8 | ----- | ----- | ----- | 7 | ----- | ----- | ----- | 1 |
| 3286 plastics | 1 | ----- | ----- | ----- | ----- | 1 | 1 | ----- | ----- |
| 3292 starches, gluten, glue | 4 | ----- | ----- | 4 | ----- | ----- | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 4,174 | 1,218 | 1,771 | 366 | 112 | 298 | 67 | 224 | 117 |
| Subtotal forest products, wood and chips | 1,784 | 34 | 1,088 | 247 | ----- | 166 | 64 | 145 | 39 |
| 4150 fuel wood | 36 | ----- | 9 | ----- | ----- | 27 | ----- | ----- | ----- |
| 4161 wood chips | 1,410 | 34 | 963 | 243 | ----- | 57 | ----- | 113 | ----- |
| 4170 wood in the rough | 190 | 0 | 117 | 2 | ----- | ----- | ----- | 32 | 39 |
| 4189 lumber | 1 | ----- | 0 | ----- | ----- | ----- | 0 | ----- | ----- |
| 4190 forest products nec | 148 | 0 | ----- | 2 | ----- | 82 | 64 | ----- | ----- |
| Subtotal pulp and waste paper | 173 | 18 | 2 | 119 | ----- | ----- | ----- | 16 | 19 |
| 4225 pulp & waste paper | 173 | 18 | 2 | 119 | ----- | ----- | ----- | 16 | 19 |
| Subtotal soil, sand, gravel, rock and stone | 2,211 | 1,166 | 681 | ----- | 110 | 132 | 0 | 64 | 59 |
| 4331 sand & gravel | 2,211 | 1,166 | 681 | ----- | 110 | 132 | 0 | 64 | 59 |
| Subtotal non-ferrous ores and scrap | 3 | ----- | ----- | ----- | 3 | ----- | ----- | ----- | ----- |
| 4680 non-ferrous scrap | 3 | ----- | ----- | ----- | 3 | ----- | ----- | ----- | ----- |
| Subtotal sulphur, clay and salt | 3 | ----- | ----- | ----- | ----- | ----- | 3 | ----- | ----- |
| 4782 clay & refrac. mat. | 3 | ----- | ----- | ----- | ----- | ----- | 3 | ----- | ----- |

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Internal | | | | | | | |
|--|--------------|--------------|--------------|-----------|----------|-----------|------------|------------|-----------|
| | | Inbound | | Outbound | | Through | | Intra | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| Total primary manufactured goods | 787 | 304 | 135 | 13 | 4 | 3 | 50 | 272 | 6 |
| Subtotal paper products | 781 | 304 | 135 | 13 | 4 | 2 | 45 | 272 | 6 |
| 5120 paper & paperboard | 734 | 304 | 135 | 13 | 4 | ----- | ----- | 272 | 6 |
| 5190 paper products nec | 47 | ----- | ----- | ----- | ----- | 2 | 45 | ----- | ----- |
| Subtotal primary iron and steel products | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 5360 i&s bars & shapes | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 2 | 1 | ----- | ----- | ----- | 1 | 1 | ----- | ----- |
| 5480 fab. metal products | 2 | 1 | ----- | ----- | ----- | 1 | 1 | ----- | ----- |
| Subtotal primary wood products | 4 | ----- | ----- | ----- | ----- | ----- | 4 | ----- | ----- |
| 5540 primary wood prod. | 4 | ----- | ----- | ----- | ----- | ----- | 4 | ----- | ----- |
| Total food and farm products | 5,906 | 3,405 | 2,324 | ----- | ----- | 12 | 103 | 45 | 17 |
| Subtotal fish | 52 | 41 | ----- | ----- | ----- | 12 | ----- | ----- | ----- |
| 6134 fish (not shellfish) | 48 | 38 | ----- | ----- | ----- | 10 | ----- | ----- | ----- |
| 6136 shellfish | 5 | 3 | ----- | ----- | ----- | 2 | ----- | ----- | ----- |
| Subtotal grain | 5,756 | 3,365 | 2,324 | ----- | ----- | ----- | 5 | 45 | 17 |
| 6241 wheat | 5,596 | 3,278 | 2,259 | ----- | ----- | ----- | ----- | 45 | 14 |
| 6344 corn | 5 | ----- | ----- | ----- | ----- | ----- | 5 | ----- | ----- |
| 6443 barley & rye | 155 | 87 | 65 | ----- | ----- | ----- | ----- | ----- | 3 |
| Subtotal oilseeds | 0 | ----- | ----- | ----- | ----- | ----- | 0 | ----- | ----- |
| 6522 soybeans | 0 | ----- | ----- | ----- | ----- | ----- | 0 | ----- | ----- |
| Subtotal vegetable products | 38 | ----- | ----- | ----- | ----- | 0 | 38 | ----- | ----- |
| 6654 vegetables & prod. | 38 | ----- | ----- | ----- | ----- | 0 | 38 | ----- | ----- |
| Subtotal processed grain and animal feed | 39 | ----- | ----- | ----- | ----- | 0 | 39 | ----- | ----- |
| 6747 grain mill products | 3 | ----- | ----- | ----- | ----- | 0 | 3 | ----- | ----- |
| 6781 hay & fodder | 37 | ----- | ----- | ----- | ----- | ----- | 37 | ----- | ----- |
| 6782 animal feed, prep. | 0 | ----- | ----- | ----- | ----- | ----- | 0 | ----- | ----- |

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Internal | | | | | | | |
|---|----------------|---------------|------------------|---------------|---------------|--------------|-----------|---------------|---------------|
| | | Inbound | | Outbound | | Through | | Intra | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| Subtotal other agricultural products | 20 | ----- | ----- | ----- | ----- | ----- | 20 | ----- | ----- |
| 6839 animals & prod. nec | 18 | ----- | ----- | ----- | ----- | ----- | 18 | ----- | ----- |
| 6857 fruit & nuts nec | 1 | ----- | ----- | ----- | ----- | ----- | 1 | ----- | ----- |
| 6858 fruit juices | 1 | ----- | ----- | ----- | ----- | ----- | 1 | ----- | ----- |
| 6899 farm products nec | 1 | ----- | ----- | ----- | ----- | ----- | 1 | ----- | ----- |
| Total all manufactured equipment, machinery and products | 19 | ----- | ----- | ----- | ----- | 17 | 2 | ----- | ----- |
| 7110 machinery (not elec) | 1 | ----- | ----- | ----- | ----- | ----- | 1 | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | ----- | ----- | ----- | ----- | 0 | 0 | ----- | ----- |
| 7800 empty containers | 18 | ----- | ----- | ----- | ----- | 17 | 1 | ----- | ----- |
| 7900 manufac. prod. nec | 0 | ----- | ----- | ----- | ----- | ----- | 0 | ----- | ----- |
| Total waste and scrap nec | 1 | ----- | ----- | ----- | ----- | ----- | 1 | ----- | ----- |
| 8900 waste and scrap nec | 1 | ----- | ----- | ----- | ----- | ----- | 1 | ----- | ----- |
| Ton-miles Internal (x1000) | 247,987 | 73,879 | 82,414 | 24,888 | 24,179 | 4,020 | 2 | 26,361 | 12,244 |
| Tons All Traffic (x1000) | | | 50,703 | | | | | | |
| Ton-miles All Traffic (x1000) | | | 3,783,357 | | | | | | |

PORT OF ASTORIA, OR

Section Included: (Statistics for that section of the port with frontage on the Columbia River are also included in statistics for Columbia and Lower Willamette Rivers below Vancouver, WA, and Portland, OR, and statistics for portion of port with frontage on Youngs Bay are also included in statistics for Youngs Bay and Youngs River, OR) Controlling Depth: 38 feet in Columbia River and 6 feet in Youngs Bay. Project Depth: 40 feet in Columbia River and 10 feet in Youngs Bay.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 1,671 | 1990 | 966 |
| 1986 | 1,137 | 1991 | 660 |
| 1987 | 1,240 | 1992 | 721 |
| 1988 | 1,097 | 1993 | 412 |
| 1989 | 1,124 | 1994 | 1,354 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|--------------|----------|--------------|-----------|----------|
| | | Imports | Exports | Imports | Exports |
| Total, all commodities | 1,215 | 3 | 1,110 | 96 | 6 |
| Total chemicals and related products | 29 | ----- | 25 | ----- | 4 |
| Subtotal other chemicals and related products | 29 | ----- | 25 | ----- | 4 |
| 3274 sodium hydroxide | 3 | ----- | ----- | ----- | 3 |
| 3275 inorg. elem., oxides, & halogen salts | 0 | ----- | ----- | ----- | 0 |
| 3276 metallic salts | 25 | ----- | 25 | ----- | 0 |
| Total crude materials, inedible except fuels | 367 | ----- | 273 | 92 | 2 |
| Subtotal forest products, wood and chips | 367 | ----- | 273 | 92 | 2 |
| 4150 fuel wood | 92 | ----- | ----- | 92 | ----- |
| 4161 wood chips | 41 | ----- | 39 | ----- | 2 |
| 4170 wood in the rough | 233 | ----- | 233 | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 0 | ----- | 0 | ----- | ----- |
| 4690 non-ferrous ores nec | 0 | ----- | 0 | ----- | ----- |
| Total primary manufactured goods | 4 | 0 | ----- | 4 | ----- |
| Subtotal paper products | 4 | ----- | ----- | 4 | ----- |
| 5110 newsprint | 4 | ----- | ----- | 4 | ----- |
| Subtotal primary iron and steel products | 0 | 0 | ----- | ----- | ----- |
| 5370 i&s pipe & tube | 0 | 0 | ----- | ----- | ----- |
| Total food and farm products | 812 | ----- | 812 | 0 | 0 |
| Subtotal fish | 1 | ----- | 1 | ----- | 0 |
| 6134 fish (not shellfish) | 1 | ----- | 1 | ----- | 0 |
| Subtotal grain | 811 | ----- | 811 | ----- | ----- |
| 6241 wheat | 751 | ----- | 751 | ----- | ----- |
| 6344 corn | 61 | ----- | 61 | ----- | ----- |
| Subtotal other agricultural products | 0 | ----- | 0 | 0 | ----- |
| 6811 meat, fresh, frozen | 0 | ----- | 0 | ----- | ----- |
| 6822 dairy products | 0 | ----- | 0 | ----- | ----- |

PORT OF ASTORIA, OR
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|---|----------|----------|----------|----------|----------|
| | | Imports | Exports | Imports | Exports |
| 6835 fish, prepared | 0 | ----- | 0 | 0 | ----- |
| 6857 fruit & nuts nec | 0 | ----- | 0 | ----- | ----- |
| Total all manufactured equipment, machinery and products | 2 | 2 | 0 | ----- | 0 |
| 7110 machinery (not elec) | 0 | 0 | 0 | ----- | 0 |
| 7120 electrical machinery | 0 | ----- | 0 | ----- | ----- |
| 7210 vehicles & parts | 2 | 2 | 0 | ----- | ----- |
| Total unknown or not elsewhere classified | 1 | 1 | ----- | ----- | ----- |
| 9900 unknown or nec | 1 | 1 | ----- | ----- | ----- |

| Commodity | Total | Domestic | | | |
|---|------------|-----------|-----------|------------|-----------|
| | | Coastwise | | Internal | |
| | | Receipts | Shipments | Receipts | Shipments |
| Total, all commodities | 139 | 9 | 8 | 100 | 22 |
| Total petroleum and petroleum products | 66 | 9 | 8 | 47 | 3 |
| Subtotal petroleum products | 66 | 9 | 8 | 47 | 3 |
| 2330 distillate fuel oil | 18 | 9 | 8 | 1 | ----- |
| 2340 residual fuel oil | 48 | ----- | ----- | 45 | 3 |
| Total crude materials, inedible except fuels | 24 | ----- | ----- | 13 | 11 |
| Subtotal forest products, wood and chips | 2 | ----- | ----- | ----- | 2 |
| 4161 wood chips | 2 | ----- | ----- | ----- | 2 |
| Subtotal pulp and waste paper | 22 | ----- | ----- | 13 | 9 |
| 4225 pulp & waste paper | 22 | ----- | ----- | 13 | 9 |
| Total primary manufactured goods | 8 | ----- | ----- | ----- | 8 |
| Subtotal paper products | 8 | ----- | ----- | ----- | 8 |
| 5120 paper & paperboard | 8 | ----- | ----- | ----- | 8 |
| Total food and farm products | 41 | ----- | ----- | 41 | ----- |
| Subtotal fish | 41 | ----- | ----- | 41 | ----- |
| 6134 fish (not shellfish) | 38 | ----- | ----- | 38 | ----- |
| 6136 shellfish | 3 | ----- | ----- | 3 | ----- |

PORTS OTHER THAN PORTLAND, ASTORIA, ST. HELENS, LONGVIEW, VANCOUVER AND KALAMA

Section Included: (Included in statistics for Columbia and Lower Willamette Rivers below Vancouver, WA, and Portland, OR) Ports included: Bradwood, Wauna, Beaver Point, Rainier and Prescott, OR and Knappton, WA. Controlling Depth: 38 feet. Project Depth: 40 feet at low water in main channel.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 947 | 1990 | 875 |
| 1986 | 921 | 1991 | 883 |
| 1987 | 881 | 1992 | 987 |
| 1988 | 810 | 1993 | 945 |
| 1989 | 872 | 1994 | 901 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Domestic | | | |
|--|----------------|------------|-----------|------------|------------|
| | | Coastwise | | Internal | |
| | | Receipts | Shipments | Receipts | Shipments |
| Total, all commodities | 901 | 205 | 4 | 384 | 309 |
| Total petroleum and petroleum products | 4 | 3 | ----- | 1 | ----- |
| Subtotal petroleum products | 4 | 3 | ----- | 1 | ----- |
| 2340 residual fuel oil | 4 | 3 | ----- | 1 | ----- |
| Total chemicals and related products | 10 | ----- | 3 | 8 | ----- |
| Subtotal fertilizers | 10 | ----- | 2 | 8 | ----- |
| 3110 nitrogenous fert. | 9 | ----- | 1 | 8 | ----- |
| 3190 fert. & mixes nec | 1 | ----- | 1 | ----- | ----- |
| Subtotal other chemicals and related products | 1 | ----- | 1 | ----- | ----- |
| 3220 alcohols | 1 | ----- | 1 | ----- | ----- |
| Total crude materials, inedible except fuels | 602 | 202 | ----- | 367 | 33 |
| Subtotal forest products, wood and chips | 558 | 202 | ----- | 351 | 6 |
| 4150 fuel wood | 9 | ----- | ----- | 9 | ----- |
| 4161 wood chips | 543 | 196 | ----- | 342 | 6 |
| 4170 wood in the rough | 6 | 6 | ----- | 0 | ----- |
| 4189 lumber | 0 | ----- | ----- | 0 | ----- |
| Subtotal pulp and waste paper | 43 | ----- | ----- | 17 | 27 |
| 4225 pulp & waste paper | 43 | ----- | ----- | 17 | 27 |
| Total primary manufactured goods | 284 | ----- | 1 | 7 | 276 |
| Subtotal paper products | 283 | ----- | ----- | 7 | 276 |
| 5120 paper & paperboard | 283 | ----- | ----- | 7 | 276 |
| Subtotal primary non-ferrous metal products | 1 | ----- | 1 | ----- | ----- |
| 5480 fab. metal products | 1 | ----- | 1 | ----- | ----- |

PORT OF LONGVIEW, WA

Section Included: (Included in statistics for Columbia and Lower Willamette Rivers below Vancouver, WA, and Portland, OR) Controlling Depth: 39 feet in channel and 39 feet in turning basin. Project Depth: 40 foot channel in Columbia River and 6,000 foot turning basin at low water.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|--------|------|-------|
| 1985 | 8,449 | 1990 | 8,681 |
| 1986 | 10,313 | 1991 | 7,806 |
| 1987 | 8,082 | 1992 | 6,309 |
| 1988 | 9,003 | 1993 | 5,476 |
| 1989 | 8,023 | 1994 | 6,442 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|--------------|------------|--------------|----------|-----------|
| | | Imports | Exports | Imports | Exports |
| Total, all commodities | 5,139 | 544 | 4,505 | 3 | 86 |
| Total petroleum and petroleum products | 498 | 15 | 397 | ----- | 86 |
| Subtotal petroleum products | 498 | 15 | 397 | ----- | 86 |
| 2430 asphalt, tar & pitch | 15 | 15 | ----- | ----- | ----- |
| 2540 petroleum coke | 483 | ----- | 397 | ----- | 86 |
| Total chemicals and related products | 591 | 27 | 563 | ----- | ----- |
| Subtotal fertilizers | 279 | 20 | 259 | ----- | ----- |
| 3110 nitrogenous fert. | 20 | 20 | ----- | ----- | ----- |
| 3130 potassic fert. | 259 | ----- | 259 | ----- | ----- |
| Subtotal other chemicals and related products | 312 | 8 | 304 | ----- | ----- |
| 3212 benzene & toluene | 8 | 8 | ----- | ----- | ----- |
| 3240 nitrogen func. comp. | 0 | ----- | 0 | ----- | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 4 | 0 | 4 | ----- | ----- |
| 3276 metallic salts | 299 | ----- | 299 | ----- | ----- |
| 3282 pigments & paints | 0 | ----- | 0 | ----- | ----- |
| 3285 perfumes & cleansers | 0 | ----- | 0 | ----- | ----- |
| 3286 plastics | 0 | ----- | 0 | ----- | ----- |
| 3297 chemical additives | 0 | ----- | 0 | ----- | ----- |
| 3298 wood & resin chem. | 0 | ----- | 0 | ----- | ----- |
| 3299 chem. products nec | 0 | ----- | 0 | ----- | ----- |
| Total crude materials, inedible except fuels | 3,114 | 490 | 2,621 | 3 | ----- |
| Subtotal forest products, wood and chips | 2,518 | 19 | 2,496 | 3 | ----- |
| 4150 fuel wood | 3 | ----- | ----- | 3 | ----- |
| 4161 wood chips | 219 | ----- | 219 | ----- | ----- |
| 4170 wood in the rough | 2,250 | 6 | 2,244 | ----- | ----- |
| 4189 lumber | 45 | 13 | 32 | ----- | ----- |
| Subtotal pulp and waste paper | 15 | ----- | 15 | ----- | ----- |
| 4225 pulp & waste paper | 15 | ----- | 15 | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 311 | 310 | 0 | ----- | ----- |
| 4650 aluminum ore | 304 | 304 | ----- | ----- | ----- |

PORT OF LONGVIEW, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | | Total | Foreign | | Canadian | |
|--|----------------------|------------|------------|------------|----------|---------|
| | | | Imports | Exports | Imports | Exports |
| 4680 | non-ferrous scrap | 0 | ----- | 0 | ----- | ----- |
| 4690 | non-ferrous ores nec | 6 | 6 | ----- | ----- | ----- |
| Subtotal sulphur, clay and salt | | 108 | 15 | 93 | ----- | ----- |
| 4782 | clay & refrac. mat. | 108 | 15 | 93 | ----- | ----- |
| Subtotal other non-metal. min. | | 163 | 146 | 17 | ----- | ----- |
| 4900 | non-metal. min. nec | 163 | 146 | 17 | ----- | ----- |
| Total primary manufactured goods | | 311 | 12 | 299 | ----- | ----- |
| Subtotal paper products | | 298 | 0 | 298 | ----- | ----- |
| 5110 | newsprint | 276 | ----- | 276 | ----- | ----- |
| 5120 | paper & paperboard | 23 | ----- | 23 | ----- | ----- |
| 5190 | paper products nec | 0 | 0 | 0 | ----- | ----- |
| Subtotal lime, cement and glass | | 0 | ----- | 0 | ----- | ----- |
| 5240 | glass & glass prod. | 0 | ----- | 0 | ----- | ----- |
| 5290 | misc. mineral prod. | 0 | ----- | 0 | ----- | ----- |
| Subtotal primary iron and steel products | | 11 | 11 | ----- | ----- | ----- |
| 5315 | ferro alloys | 8 | 8 | ----- | ----- | ----- |
| 5330 | i&s plates & sheets | 1 | 1 | ----- | ----- | ----- |
| 5360 | i&s bars & shapes | 1 | 1 | ----- | ----- | ----- |
| 5370 | i&s pipe & tube | 1 | 1 | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | | 1 | 1 | 0 | ----- | ----- |
| 5421 | copper | 0 | ----- | 0 | ----- | ----- |
| 5422 | aluminum | 0 | ----- | 0 | ----- | ----- |
| 5429 | smelted prod. nec | 1 | 1 | ----- | ----- | ----- |
| 5480 | fab. metal products | 0 | 0 | 0 | ----- | ----- |
| Subtotal primary wood products | | 0 | 0 | 0 | ----- | ----- |
| 5540 | primary wood prod. | 0 | 0 | 0 | ----- | ----- |
| Total food and farm products | | 624 | 0 | 624 | 0 | ----- |
| Subtotal fish | | 0 | ----- | 0 | ----- | ----- |
| 6134 | fish (not shellfish) | 0 | ----- | 0 | ----- | ----- |
| Subtotal grain | | 460 | ----- | 460 | ----- | ----- |
| 6241 | wheat | 329 | ----- | 329 | ----- | ----- |
| 6344 | corn | 131 | ----- | 131 | ----- | ----- |
| Subtotal vegetable products | | 0 | ----- | 0 | ----- | ----- |
| 6654 | vegetables & prod. | 0 | ----- | 0 | ----- | ----- |
| Subtotal processed grain and animal feed | | 163 | ----- | 163 | ----- | ----- |
| 6747 | grain mill products | 2 | ----- | 2 | ----- | ----- |
| 6781 | hay & fodder | 2 | ----- | 2 | ----- | ----- |
| 6782 | animal feed, prep. | 159 | ----- | 159 | ----- | ----- |
| Subtotal other agricultural products | | 1 | 0 | 1 | 0 | ----- |
| 6811 | meat, fresh, frozen | 0 | 0 | 0 | ----- | ----- |
| 6835 | fish, prepared | 0 | ----- | 0 | 0 | ----- |
| 6839 | animals & prod. nec | 1 | 0 | 1 | ----- | ----- |
| 6858 | fruit juices | 0 | 0 | ----- | ----- | ----- |
| 6861 | sugar | 0 | 0 | ----- | ----- | ----- |
| 6871 | coffee | 0 | 0 | ----- | ----- | ----- |
| 6885 | alcoholic beverages | 0 | 0 | 0 | ----- | ----- |
| 6889 | food products nec | 0 | 0 | 0 | ----- | ----- |

PORT OF LONGVIEW, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|---|----------|--------------|----------|--------------|--------------|
| | | Imports | Exports | Imports | Exports |
| Total all manufactured equipment, machinery and products | 1 | 0 | 1 | 0 | ----- |
| 7110 machinery (not elec) | 0 | 0 | 0 | ----- | ----- |
| 7120 electrical machinery | 0 | 0 | 0 | 0 | ----- |
| 7210 vehicles & parts | 0 | 0 | 0 | ----- | ----- |
| 7230 ships & boats | 0 | 0 | 0 | ----- | ----- |
| 7400 manufac. wood prod. | 0 | ----- | 0 | ----- | ----- |
| 7500 textile products | 0 | 0 | 0 | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | 0 | 0 | ----- | ----- |
| 7900 manufac. prod. nec | 0 | 0 | 0 | ----- | ----- |
| Total unknown or not elsewhere classified | 0 | ----- | 0 | ----- | ----- |
| 9900 unknown or nec | 0 | ----- | 0 | ----- | ----- |

| Commodity | Total | Domestic | | | | |
|--|--------------|--------------|--------------|--------------|--------------|--------------|
| | | Coastwise | | Internal | | Intraport |
| | | Receipts | Shipments | Receipts | Shipments | |
| Total, all commodities | 1,303 | 157 | 164 | 950 | 21 | 11 |
| Total petroleum and petroleum products | 110 | 20 | ----- | 89 | ----- | 0 |
| Subtotal petroleum products | 110 | 20 | ----- | 89 | ----- | 0 |
| 2330 distillate fuel oil | 0 | ----- | ----- | 0 | ----- | ----- |
| 2340 residual fuel oil | 109 | 20 | ----- | 89 | ----- | 0 |
| Total chemicals and related products | 102 | ----- | 82 | 20 | ----- | ----- |
| Subtotal fertilizers | 8 | ----- | 8 | ----- | ----- | ----- |
| 3110 nitrogenous fert. | 3 | ----- | 3 | ----- | ----- | ----- |
| 3130 potassic fert. | 3 | ----- | 3 | ----- | ----- | ----- |
| 3190 fert. & mixes nec | 1 | ----- | 1 | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 94 | ----- | 74 | 20 | ----- | ----- |
| 3220 alcohols | 3 | ----- | 3 | ----- | ----- | ----- |
| 3274 sodium hydroxide | 91 | ----- | 71 | 20 | ----- | ----- |
| 3276 metallic salts | 1 | ----- | ----- | 1 | ----- | ----- |
| Total crude materials, inedible except fuels | 1,086 | 137 | 77 | 841 | 21 | 10 |
| Subtotal forest products, wood and chips | 1,020 | 71 | 77 | 841 | 21 | 10 |
| 4161 wood chips | 839 | 71 | ----- | 766 | ----- | 2 |
| 4170 wood in the rough | 111 | ----- | 7 | 75 | 21 | 8 |
| 4189 lumber | 70 | ----- | 70 | ----- | ----- | ----- |
| Subtotal other non-metal. min. | 66 | 66 | ----- | ----- | ----- | ----- |
| 4900 non-metal. min. nec | 66 | 66 | ----- | ----- | ----- | ----- |

PORT OF LONGVIEW, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | |
|---|----------|-----------|-----------|----------|-----------|-----------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total primary manufactured goods | 6 | ----- | 6 | ----- | ----- | ----- |
| Subtotal paper products | 3 | ----- | 3 | ----- | ----- | ----- |
| 5190 paper products nec | 3 | ----- | 3 | ----- | ----- | ----- |
| Subtotal primary iron and steel products | 1 | ----- | 1 | ----- | ----- | ----- |
| 5360 i&s bars & shapes | 1 | ----- | 1 | ----- | ----- | ----- |
| Subtotal primary wood products | 1 | ----- | 1 | ----- | ----- | ----- |
| 5540 primary wood prod. | 1 | ----- | 1 | ----- | ----- | ----- |
| Total food and farm products | 0 | ----- | ----- | 0 | ----- | ----- |
| Subtotal fish | 0 | ----- | ----- | 0 | ----- | ----- |
| 6134 fish (not shellfish) | 0 | ----- | ----- | 0 | ----- | ----- |

PORT OF KALAMA, WA

Section Included: (Included in statistics for Columbia and Lower Willamette Rivers below Vancouver, WA, and Portland, OR) Controlling Depth: 37 feet. Project Depth: 40 feet at low water.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|-------------|--------------|
| 1985 | 4,452 | 1990 | 6,255 |
| 1986 | 2,044 | 1991 | 5,881 |
| 1987 | 6,326 | 1992 | 6,676 |
| 1988 | 7,521 | 1993 | 6,501 |
| 1989 | 7,013 | 1994 | 5,351 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | | Domestic | | | | |
|---|--------------|-----------|--------------|--------------|-----------|------------|-----------|-----------|
| | | Imports | Exports | Total | Coastwise | Internal | | |
| | | | | | | Receipts | Shipments | Intraport |
| Total, all commodities | 5,351 | 23 | 4,290 | 1,038 | 34 | 996 | 5 | 3 |
| Total petroleum and petroleum products | 22 | ----- | 18 | 4 | ----- | 4 | ----- | ----- |
| Subtotal petroleum products | 22 | ----- | 18 | 4 | ----- | 4 | ----- | ----- |
| 2340 residual fuel oil | 4 | ----- | ----- | 4 | ----- | 4 | ----- | ----- |
| 2350 lube oil & greases | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 2540 petroleum coke | 18 | ----- | 18 | ----- | ----- | ----- | ----- | ----- |

PORT OF KALAMA, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Total | Coastwise | Domestic | | |
|--|----------------|-----------|-----------|-----------|-----------|----------|----------|-----------|
| | | Imports | Exports | | | Internal | | |
| | | | | | | Receipts | Receipts | Shipments | Intraport |
| Total chemicals and related products | 61 | 19 | 8 | 34 | 34 | ----- | ----- | ----- |
| Subtotal fertilizers | 5 | ----- | 5 | ----- | ----- | ----- | ----- | ----- |
| 3130 potassic fert. | 5 | ----- | 5 | ----- | ----- | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 56 | 19 | 2 | 34 | 34 | ----- | ----- | ----- |
| 3212 benzene & toluene | 54 | 19 | ----- | 34 | 34 | ----- | ----- | ----- |
| 3219 other hydrocarbons | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3220 alcohols | 1 | ----- | 1 | ----- | ----- | ----- | ----- | ----- |
| 3230 carboxylic acids | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3240 nitrogen func. comp. | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3250 organo- inorgan. comp | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3275 inorg. elem.,oxides, & halogen salts | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3282 pigments & paints | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3283 coloring mat. nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3284 medicines | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3285 perfumes & cleansers | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3286 plastics | 1 | ----- | 1 | ----- | ----- | ----- | ----- | ----- |
| 3291 pesticides | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3292 starches, gluten, glue | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3297 chemical additives | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3299 chem. products nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 73 | ----- | 73 | ----- | ----- | ----- | ----- | ----- |
| Subtotal forest products, wood and chips | 69 | ----- | 69 | ----- | ----- | ----- | ----- | ----- |
| 4170 wood in the rough | 69 | ----- | 69 | ----- | ----- | ----- | ----- | ----- |
| 4190 forest products nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| Subtotal pulp and waste paper | 2 | ----- | 2 | ----- | ----- | ----- | ----- | ----- |
| 4225 pulp & waste paper | 2 | ----- | 2 | ----- | ----- | ----- | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 4323 gypsum | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 4331 sand & gravel | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| Subtotal iron ore and scrap | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 4420 iron & steel scrap | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| Subtotal marine shells | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 4515 marine shells | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 4680 non-ferrous scrap | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |

PORT OF KALAMA, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Domestic | | | |
|--|----------------|----------|--------------|------------|-----------------------|------------|------------------------|
| | | Imports | Exports | Total | Coastwise Receipts | Internal | |
| | | | | | | Receipts | Shipments Intraport |
| Subtotal sulphur, clay and salt | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 4782 clay & refrac. mat. | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal other non-metal. min. | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 4900 non-metal. min. nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Total primary manufactured goods | 5 | 4 | 1 | ----- | ----- | ----- | ----- |
| Subtotal paper products | 1 | ----- | 1 | ----- | ----- | ----- | ----- |
| 5120 paper & paperboard | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 5190 paper products nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal lime, cement and glass | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 5240 glass & glass prod. | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 5290 misc. mineral prod. | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal primary iron and steel products | 4 | 4 | 0 | ----- | ----- | ----- | ----- |
| 5330 i&s plates & sheets | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 5360 i&s bars & shapes | 1 | 1 | 0 | ----- | ----- | ----- | ----- |
| 5370 i&s pipe & tube | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| 5390 primary i&s nec | 3 | 3 | 0 | ----- | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 5421 copper | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 5422 aluminum | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 5429 smelted prod. nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 5480 fab. metal products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal primary wood products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 5540 primary wood prod. | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Total food and farm products | 5,190 | ----- | 4,190 | 999 | ----- | 992 | 5 3 |
| Subtotal grain | 4,857 | ----- | 3,858 | 999 | ----- | 992 | 5 3 |
| 6241 wheat | 3,258 | ----- | 2,326 | 932 | ----- | 924 | 5 3 |
| 6344 corn | 1,398 | ----- | 1,398 | ----- | ----- | ----- | ----- |
| 6443 barley & rye | 125 | ----- | 58 | 68 | ----- | 68 | ----- |
| 6447 sorghum grains | 75 | ----- | 75 | ----- | ----- | ----- | ----- |
| Subtotal oilseeds | 76 | ----- | 76 | ----- | ----- | ----- | ----- |
| 6522 soybeans | 56 | ----- | 56 | ----- | ----- | ----- | ----- |
| 6590 oilseeds nec | 19 | ----- | 19 | ----- | ----- | ----- | ----- |
| Subtotal vegetable products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6654 vegetables & prod. | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal processed grain and animal feed | 253 | ----- | 253 | ----- | ----- | ----- | ----- |
| 6746 wheat flour | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6747 grain mill products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6781 hay & fodder | 19 | ----- | 19 | ----- | ----- | ----- | ----- |

PORT OF KALAMA, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Domestic | | | |
|---|----------------|----------|----------|----------|-----------|----------|---------------------|
| | | Imports | Exports | Total | Coastwise | Internal | |
| | | | | | Receipts | Receipts | Shipments Intraport |
| 6782 animal feed, prep. | 235 | ----- | 235 | ----- | ----- | ----- | ----- |
| Subtotal other agricultural products | 4 | ----- | 4 | ----- | ----- | ----- | ----- |
| 6817 meat, prepared | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6839 animals & prod. nec | 1 | ----- | 1 | ----- | ----- | ----- | ----- |
| 6857 fruit & nuts nec | 1 | ----- | 1 | ----- | ----- | ----- | ----- |
| 6889 food products nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6893 cotton | 2 | ----- | 2 | ----- | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 1 | 0 | 1 | ----- | ----- | ----- | ----- |
| 7110 machinery (not elec) | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 7120 electrical machinery | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 7210 vehicles & parts | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 7220 aircraft & parts | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 7300 ordnance & access. | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 7400 manufac. wood prod. | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 7500 textile products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 0 | 0 | 0 | ----- | ----- | ----- | ----- |
| Total unknown or not elsewhere classified | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 9900 unknown or nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- |

MULTNOMAH CHANNEL, OR

Section Included: A side channel from the Willamette River near Portland, OR, to the Columbia River near St. Helens, OR, a distance of about 22 miles. Controlling Depth: 18 feet in a 300-foot channel at north end; 8 feet in a 250-foot channel at south end; 8 to 50 feet in remainder of channel. Project Depth: 25 feet deep and 5,000 feet long at the Columbia River end; 25 feet deep and 9,500 feet long at the Willamette River end.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 1,548 | 1990 | 1,740 |
| 1986 | 1,390 | 1991 | 1,550 |
| 1987 | 1,182 | 1992 | 1,405 |
| 1988 | 866 | 1993 | 1,570 |
| 1989 | 1,597 | 1994 | 1,360 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Internal | | |
|---|----------------|--------------|------------|---------------|
| | | Inbound | | Outbound |
| | | Upbound | Downbnd | Downbnd |
| Total, all commodities | 1,360 | 110 | 6 | 1,244 |
| Total petroleum and petroleum products | 6 | ----- | 6 | ----- |
| Subtotal petroleum products | 6 | ----- | 6 | ----- |
| 2340 residual fuel oil | 6 | ----- | 6 | ----- |
| Total crude materials, inedible except fuels | 1,354 | 110 | ----- | 1,244 |
| Subtotal soil, sand, gravel, rock and stone | 1,354 | 110 | ----- | 1,244 |
| 4331 sand & gravel | 1,354 | 110 | ----- | 1,244 |
| Total primary manufactured goods | 0 | 0 | ----- | ----- |
| Subtotal primary non-ferrous metal products | 0 | 0 | ----- | ----- |
| 5480 fab. metal products | 0 | 0 | ----- | ----- |
| Ton-miles (x1000) | 15,134 | 1,309 | 140 | 13,685 |
| Tons All Traffic (x1000) | 1,360 | | | |
| Ton-miles All Traffic (x1000) | 15,134 | | | |

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR

Section Included: From deep water in the Columbia River to a point above the Portland Union Stock Yards, a distance of nearly 4 miles. Controlling Depth: 10 feet. Project Depth: 20 feet.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 734 | 1990 | 2,101 |
| 1986 | 632 | 1991 | 2,182 |
| 1987 | 2,016 | 1992 | 2,794 |
| 1988 | 2,163 | 1993 | 3,089 |
| 1989 | 2,284 | 1994 | 3,730 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | | Domestic | | |
|--|--------------|------------|--------------|------------|-----------------|------------------|
| | | Imports | Exports | Total | Internal | |
| | | | | | Inbound Upbound | Outbound Downbnd |
| Total, all commodities | 3,729 | 505 | 2,828 | 396 | 294 | 102 |
| Total coal | 2 | ----- | 2 | ----- | ----- | ----- |
| 1100 coal lignite | 2 | ----- | 2 | ----- | ----- | ----- |
| Total petroleum and petroleum products | 90 | 65 | 7 | 17 | 17 | ----- |
| Subtotal crude petroleum | 66 | 65 | 0 | ----- | ----- | ----- |
| 2100 crude petroleum | 66 | 65 | 0 | ----- | ----- | ----- |
| Subtotal petroleum products | 24 | 0 | 7 | 17 | 17 | ----- |
| 2330 distillate fuel oil | 0 | ----- | 0 | ----- | ----- | ----- |
| 2340 residual fuel oil | 18 | ----- | 1 | 17 | 17 | ----- |
| 2350 lube oil & greases | 3 | 0 | 3 | ----- | ----- | ----- |
| 2410 petro. jelly & waxes | 1 | ----- | 1 | ----- | ----- | ----- |
| 2429 naphtha & solvents | 0 | ----- | 0 | ----- | ----- | ----- |
| 2430 asphalt, tar & pitch | 0 | ----- | 0 | ----- | ----- | ----- |
| 2540 petroleum coke | 1 | ----- | 1 | ----- | ----- | ----- |
| 2640 liquid natural gas | 0 | ----- | 0 | ----- | ----- | ----- |
| Total chemicals and related products | 165 | 15 | 149 | 1 | 1 | 1 |
| Subtotal fertilizers | 6 | 0 | 6 | ----- | ----- | ----- |
| 3110 nitrogenous fert. | 1 | ----- | 1 | ----- | ----- | ----- |
| 3190 fert. & mixes nec | 5 | 0 | 5 | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 159 | 15 | 143 | 1 | 1 | 1 |
| 3211 acyclic hydrocarbons | 0 | ----- | 0 | ----- | ----- | ----- |
| 3212 benzene & toluene | 0 | ----- | 0 | ----- | ----- | ----- |
| 3219 other hydrocarbons | 1 | 0 | 1 | ----- | ----- | ----- |
| 3220 alcohols | 5 | 1 | 4 | ----- | ----- | ----- |
| 3230 carboxylic acids | 11 | 0 | 11 | ----- | ----- | ----- |
| 3240 nitrogen func. comp. | 6 | 0 | 6 | ----- | ----- | ----- |
| 3250 organo- inorgan. comp | 1 | 0 | 1 | ----- | ----- | ----- |
| 3260 organic comp. nec | 3 | 0 | 3 | ----- | ----- | ----- |
| 3272 sulphuric acid | 0 | ----- | 0 | ----- | ----- | ----- |

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Domestic | | |
|---|----------------|-----------|------------|------------|--------------------|---------------------|
| | | Imports | Exports | Total | Internal | |
| | | | | | Inbound Upbound | Outbound Downbnd |
| 3274 sodium hydroxide | 0 | 0 | ----- | ----- | ----- | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 11 | 1 | 10 | ----- | ----- | ----- |
| 3276 metallic salts | 35 | 0 | 35 | ----- | ----- | ----- |
| 3279 inorganic chem. nec | 1 | 0 | 0 | ----- | ----- | ----- |
| 3281 radioactive material | 0 | 0 | ----- | ----- | ----- | ----- |
| 3282 pigments & paints | 2 | 0 | 1 | ----- | ----- | ----- |
| 3283 coloring mat. nec | 0 | 0 | 0 | ----- | ----- | ----- |
| 3284 medicines | 2 | 0 | 2 | ----- | ----- | ----- |
| 3285 perfumes & cleansers | 20 | 2 | 18 | ----- | ----- | ----- |
| 3286 plastics | 41 | 8 | 31 | 1 | 1 | 1 |
| 3291 pesticides | 0 | ----- | 0 | ----- | ----- | ----- |
| 3292 starches, gluten, glue | 11 | 0 | 11 | ----- | ----- | ----- |
| 3293 explosives | 0 | 0 | 0 | ----- | ----- | ----- |
| 3297 chemical additives | 4 | ----- | 4 | ----- | ----- | ----- |
| 3298 wood & resin chem. | 1 | ----- | 1 | ----- | ----- | ----- |
| 3299 chem. products nec | 5 | 1 | 4 | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 970 | 40 | 727 | 203 | 121 | 82 |
| Subtotal forest products, wood and chips | 635 | 3 | 486 | 146 | 64 | 82 |
| 4150 fuel wood | 9 | ----- | 9 | ----- | ----- | ----- |
| 4161 wood chips | 1 | ----- | 1 | ----- | ----- | ----- |
| 4170 wood in the rough | 99 | 0 | 99 | ----- | ----- | ----- |
| 4189 lumber | 380 | 2 | 378 | 0 | 0 | ----- |
| 4190 forest products nec | 146 | 1 | 0 | 146 | 64 | 82 |
| Subtotal pulp and waste paper | 150 | ----- | 150 | ----- | ----- | ----- |
| 4225 pulp & waste paper | 150 | ----- | 150 | ----- | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 61 | 0 | 7 | 54 | 54 | ----- |
| 4310 building stone | 0 | 0 | 0 | ----- | ----- | ----- |
| 4322 limestone | 2 | ----- | 2 | ----- | ----- | ----- |
| 4323 gypsum | 0 | 0 | 0 | ----- | ----- | ----- |
| 4331 sand & gravel | 58 | 0 | 5 | 54 | 54 | ----- |
| Subtotal iron ore and scrap | 54 | 37 | 16 | ----- | ----- | ----- |
| 4420 iron & steel scrap | 54 | 37 | 16 | ----- | ----- | ----- |
| Subtotal marine shells | 0 | 0 | 0 | ----- | ----- | ----- |
| 4515 marine shells | 0 | 0 | 0 | ----- | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 36 | 0 | 36 | ----- | ----- | ----- |
| 4630 copper ore | 0 | ----- | 0 | ----- | ----- | ----- |
| 4650 aluminum ore | 0 | 0 | 0 | ----- | ----- | ----- |
| 4680 non-ferrous scrap | 29 | ----- | 29 | ----- | ----- | ----- |
| 4690 non-ferrous ores nec | 7 | ----- | 7 | ----- | ----- | ----- |
| Subtotal sulphur, clay and salt | 18 | ----- | 15 | 3 | 3 | ----- |
| 4782 clay & refrac. mat. | 18 | ----- | 15 | 3 | 3 | ----- |
| Subtotal slag | 1 | ----- | 1 | ----- | ----- | ----- |
| 4860 slag | 1 | ----- | 1 | ----- | ----- | ----- |
| Subtotal other non-metal. min. | 16 | 0 | 16 | ----- | ----- | ----- |
| 4900 non-metal. min. nec | 16 | 0 | 16 | ----- | ----- | ----- |

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Domestic | | |
|--|----------------|-----------|--------------|------------|--------------------|---------------------|
| | | Imports | Exports | Total | Internal | |
| | | | | | Inbound Upbound | Outbound Downbnd |
| Total primary manufactured goods | 800 | 52 | 695 | 53 | 50 | 3 |
| Subtotal paper products | 493 | 5 | 441 | 47 | 45 | 2 |
| 5110 newsprint | 77 | --- | 77 | --- | --- | --- |
| 5120 paper & paperboard | 361 | 4 | 357 | --- | --- | --- |
| 5190 paper products nec | 55 | 1 | 7 | 47 | 45 | 2 |
| Subtotal lime, cement and glass | 57 | 10 | 47 | --- | --- | --- |
| 5220 cement & concrete | 0 | --- | 0 | --- | --- | --- |
| 5240 glass & glass prod. | 12 | 2 | 10 | --- | --- | --- |
| 5290 misc. mineral prod. | 45 | 8 | 37 | --- | --- | --- |
| Subtotal primary iron and steel products | 21 | 4 | 17 | --- | --- | --- |
| 5312 pig iron | 1 | --- | 1 | --- | --- | --- |
| 5315 ferro alloys | 0 | 0 | 0 | --- | --- | --- |
| 5320 i&s primary forms | 1 | --- | 1 | --- | --- | --- |
| 5330 i&s plates & sheets | 9 | 1 | 8 | --- | --- | --- |
| 5360 i&s bars & shapes | 1 | 0 | 1 | --- | --- | --- |
| 5370 i&s pipe & tube | 3 | 2 | 0 | --- | --- | --- |
| 5390 primary i&s nec | 6 | 0 | 6 | --- | --- | --- |
| Subtotal primary non-ferrous metal products | 97 | 30 | 66 | 1 | 1 | 1 |
| 5421 copper | 3 | 0 | 2 | --- | --- | --- |
| 5422 aluminum | 52 | 0 | 52 | --- | --- | --- |
| 5429 smelted prod. nec | 6 | 4 | 2 | --- | --- | --- |
| 5480 fab. metal products | 36 | 25 | 10 | 1 | 1 | 1 |
| Subtotal primary wood products | 131 | 3 | 124 | 4 | 4 | --- |
| 5540 primary wood prod. | 131 | 3 | 124 | 4 | 4 | --- |
| Total food and farm products | 1,161 | 31 | 1,027 | 103 | 103 | 0 |
| Subtotal fish | 12 | 0 | 12 | --- | --- | --- |
| 6134 fish (not shellfish) | 12 | 0 | 12 | --- | --- | --- |
| 6136 shellfish | 0 | 0 | 0 | --- | --- | --- |
| Subtotal grain | 129 | 2 | 122 | 5 | 5 | --- |
| 6241 wheat | 39 | --- | 39 | --- | --- | --- |
| 6344 corn | 88 | --- | 82 | 5 | 5 | --- |
| 6442 rice | 2 | 2 | 0 | --- | --- | --- |
| 6445 oats | 0 | --- | 0 | --- | --- | --- |
| 6447 sorghum grains | 0 | --- | 0 | --- | --- | --- |
| Subtotal oilseeds | 19 | 0 | 18 | 0 | 0 | --- |
| 6522 soybeans | 13 | 0 | 13 | 0 | 0 | --- |
| 6590 oilseeds nec | 6 | 0 | 6 | --- | --- | --- |
| Subtotal vegetable products | 334 | 6 | 291 | 38 | 38 | 0 |
| 6653 vegetable oils | 2 | 1 | 1 | --- | --- | --- |
| 6654 vegetables & prod. | 333 | 5 | 290 | 38 | 38 | 0 |
| Subtotal processed grain and animal feed | 390 | 1 | 350 | 39 | 39 | 0 |
| 6746 wheat flour | 0 | --- | 0 | --- | --- | --- |
| 6747 grain mill products | 54 | 1 | 51 | 3 | 3 | 0 |
| 6781 hay & fodder | 293 | 0 | 256 | 37 | 37 | --- |
| 6782 animal feed, prep. | 43 | 0 | 43 | 0 | 0 | --- |

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Grand Total | Foreign | | Domestic | | |
|---|----------------|------------|------------|-----------|--------------------|---------------------|
| | | Imports | Exports | Total | Internal | |
| | | | | | Inbound Upbound | Outbound Downbnd |
| Subtotal other agricultural products | 277 | 23 | 234 | 20 | 20 | ----- |
| 6811 meat, fresh, frozen | 19 | ----- | 19 | ----- | ----- | ----- |
| 6817 meat, prepared | 5 | 0 | 5 | ----- | ----- | ----- |
| 6822 dairy products | 8 | 0 | 8 | ----- | ----- | ----- |
| 6835 fish, prepared | 1 | 1 | 0 | ----- | ----- | ----- |
| 6838 tallow, animal oils | 0 | 0 | 0 | ----- | ----- | ----- |
| 6839 animals & prod. nec | 112 | 0 | 93 | 18 | 18 | ----- |
| 6856 bananas & plantains | 0 | 0 | 0 | ----- | ----- | ----- |
| 6857 fruit & nuts nec | 12 | 1 | 11 | 1 | 1 | ----- |
| 6858 fruit juices | 20 | 7 | 13 | 1 | 1 | ----- |
| 6861 sugar | 2 | 1 | 1 | ----- | ----- | ----- |
| 6871 coffee | 0 | 0 | 0 | ----- | ----- | ----- |
| 6872 cocoa beans | 4 | 4 | ----- | ----- | ----- | ----- |
| 6885 alcoholic beverages | 43 | 8 | 34 | ----- | ----- | ----- |
| 6888 water & ice | 2 | 0 | 1 | ----- | ----- | ----- |
| 6889 food products nec | 34 | 1 | 34 | ----- | ----- | ----- |
| 6891 tobacco & products | 3 | ----- | 3 | ----- | ----- | ----- |
| 6893 cotton | 2 | ----- | 2 | ----- | ----- | ----- |
| 6894 natural fibers nec | 0 | 0 | ----- | ----- | ----- | ----- |
| 6899 farm products nec | 10 | 0 | 10 | 1 | 1 | ----- |
| Total all manufactured equipment, machinery and products | 534 | 301 | 214 | 19 | 2 | 17 |
| 7110 machinery (not elec) | 61 | 24 | 36 | 1 | 1 | ----- |
| 7120 electrical machinery | 44 | 26 | 18 | ----- | ----- | ----- |
| 7210 vehicles & parts | 254 | 166 | 88 | ----- | ----- | ----- |
| 7220 aircraft & parts | 0 | ----- | 0 | ----- | ----- | ----- |
| 7230 ships & boats | 1 | 0 | 1 | ----- | ----- | ----- |
| 7300 ordnance & access. | 0 | 0 | 0 | ----- | ----- | ----- |
| 7400 manufac. wood prod. | 12 | 3 | 9 | ----- | ----- | ----- |
| 7500 textile products | 33 | 13 | 20 | ----- | ----- | ----- |
| 7600 rubber & plastic pr. | 32 | 19 | 12 | 0 | 0 | 0 |
| 7800 empty containers | 18 | ----- | ----- | 18 | 1 | 17 |
| 7900 manufac. prod. nec | 80 | 50 | 30 | 0 | 0 | ----- |
| Total waste and scrap nec | 1 | ----- | ----- | 1 | 1 | ----- |
| 8900 waste and scrap nec | 1 | ----- | ----- | 1 | 1 | ----- |
| Total unknown or not elsewhere classified | 8 | 2 | 6 | ----- | ----- | ----- |
| 9900 unknown or nec | 8 | 2 | 6 | ----- | ----- | ----- |

PORT OF VANCOUVER, WA

Section Included: (Statistics for that section of the port below Interstate Bridge are also included in the statistics for Columbia and Lower Willamette Rivers below Vancouver, WA, and Portland, OR, and statistics for section above Interstate Bridge are also included in statistics for Columbia River from Vancouver, WA, to the Dalles, OR).
 Controlling Depth: 35 feet at low water for that section of the port below Railroad Bridge and 14 feet for that section of the port above Interstate Bridge. Project Depth: 40 feet at low water in the lower turning basin and 35 feet at low water in the upper turning basin.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 5,330 | 1990 | 7,073 |
| 1986 | 2,852 | 1991 | 6,485 |
| 1987 | 4,275 | 1992 | 6,839 |
| 1988 | 3,375 | 1993 | 7,380 |
| 1989 | 3,459 | 1994 | 6,281 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|--------------|------------|--------------|----------|----------|
| | | Imports | Exports | Imports | Exports |
| Total, all commodities | 4,609 | 708 | 3,889 | 8 | 4 |
| Total petroleum and petroleum products | 50 | 20 | 31 | ----- | ----- |
| Subtotal petroleum products | 50 | 20 | 31 | ----- | ----- |
| 2430 asphalt, tar & pitch | 20 | 20 | ----- | ----- | ----- |
| 2540 petroleum coke | 31 | ----- | 31 | ----- | ----- |
| Total chemicals and related products | 213 | 166 | 40 | 8 | ----- |
| Subtotal fertilizers | 10 | 2 | 8 | ----- | ----- |
| 3110 nitrogenous fert. | 2 | 2 | ----- | ----- | ----- |
| 3130 potassic fert. | 8 | ----- | 8 | ----- | ----- |
| Subtotal other chemicals and related products | 203 | 164 | 32 | 8 | ----- |
| 3220 alcohols | 17 | 10 | ----- | 8 | ----- |
| 3230 carboxylic acids | 0 | 0 | ----- | ----- | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 137 | 137 | ----- | ----- | ----- |
| 3276 metallic salts | 49 | 17 | 32 | ----- | ----- |
| 3282 pigments & paints | 0 | ----- | 0 | ----- | ----- |
| 3286 plastics | 0 | ----- | 0 | ----- | ----- |
| 3292 starches, gluten, glue | 0 | ----- | 0 | ----- | ----- |
| Total crude materials, inedible except fuels | 484 | 357 | 123 | ----- | 3 |
| Subtotal forest products, wood and chips | 91 | 14 | 73 | ----- | 3 |
| 4161 wood chips | 3 | ----- | ----- | ----- | 3 |
| 4170 wood in the rough | 66 | 0 | 66 | ----- | ----- |
| 4189 lumber | 22 | 14 | 8 | ----- | ----- |
| 4190 forest products nec | 0 | ----- | 0 | ----- | ----- |
| Subtotal pulp and waste paper | 11 | ----- | 11 | ----- | ----- |
| 4225 pulp & waste paper | 11 | ----- | 11 | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 6 | ----- | 6 | ----- | ----- |
| 4331 sand & gravel | 6 | ----- | 6 | ----- | ----- |

PORT OF VANCOUVER, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|--------------|------------|--------------|----------|---------|
| | | Imports | Exports | Imports | Exports |
| Subtotal non-ferrous ores and scrap | 355 | 343 | 12 | ----- | ----- |
| 4650 aluminum ore | 342 | 342 | ----- | ----- | ----- |
| 4680 non-ferrous scrap | 1 | 1 | ----- | ----- | ----- |
| 4690 non-ferrous ores nec | 12 | ----- | 12 | ----- | ----- |
| Subtotal sulphur, clay and salt | 14 | ----- | 14 | ----- | ----- |
| 4782 clay & refrac. mat. | 14 | ----- | 14 | ----- | ----- |
| Subtotal other non-metal. min. | 8 | ----- | 8 | ----- | ----- |
| 4900 non-metal. min. nec | 8 | ----- | 8 | ----- | ----- |
| Total primary manufactured goods | 173 | 143 | 31 | 0 | ----- |
| Subtotal paper products | 0 | ----- | 0 | ----- | ----- |
| 5120 paper & paperboard | 0 | ----- | 0 | ----- | ----- |
| Subtotal lime, cement and glass | 0 | 0 | ----- | ----- | ----- |
| 5290 misc. mineral prod. | 0 | 0 | ----- | ----- | ----- |
| Subtotal primary iron and steel products | 140 | 112 | 28 | ----- | ----- |
| 5315 ferro alloys | 28 | ----- | 28 | ----- | ----- |
| 5320 i&s primary forms | 11 | 11 | ----- | ----- | ----- |
| 5330 i&s plates & sheets | 51 | 51 | ----- | ----- | ----- |
| 5360 i&s bars & shapes | 15 | 15 | ----- | ----- | ----- |
| 5370 i&s pipe & tube | 34 | 34 | ----- | ----- | ----- |
| 5390 primary i&s nec | 1 | 1 | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 4 | 4 | ----- | ----- | ----- |
| 5422 aluminum | 3 | 3 | ----- | ----- | ----- |
| 5429 smelted prod. nec | 0 | 0 | ----- | ----- | ----- |
| 5480 fab. metal products | 0 | 0 | ----- | ----- | ----- |
| Subtotal primary wood products | 29 | 27 | 2 | 0 | ----- |
| 5540 primary wood prod. | 29 | 27 | 2 | 0 | ----- |
| Total food and farm products | 3,665 | 0 | 3,664 | ----- | ----- |
| Subtotal grain | 3,642 | ----- | 3,642 | ----- | ----- |
| 6241 wheat | 3,633 | ----- | 3,633 | ----- | ----- |
| 6344 corn | 8 | ----- | 8 | ----- | ----- |
| Subtotal vegetable products | 5 | ----- | 5 | ----- | ----- |
| 6654 vegetables & prod. | 5 | ----- | 5 | ----- | ----- |
| Subtotal processed grain and animal feed | 17 | ----- | 17 | ----- | ----- |
| 6781 hay & fodder | 0 | ----- | 0 | ----- | ----- |
| 6782 animal feed, prep. | 17 | ----- | 17 | ----- | ----- |
| Subtotal other agricultural products | 1 | 0 | 1 | ----- | ----- |
| 6811 meat, fresh, frozen | 0 | 0 | 0 | ----- | ----- |
| 6857 fruit & nuts nec | 0 | ----- | 0 | ----- | ----- |
| 6858 fruit juices | 0 | ----- | 0 | ----- | ----- |
| 6871 coffee | 0 | 0 | ----- | ----- | ----- |
| 6885 alcoholic beverages | 0 | 0 | ----- | ----- | ----- |
| 6889 food products nec | 0 | 0 | 0 | ----- | ----- |
| 6899 farm products nec | 0 | ----- | 0 | ----- | ----- |

PORT OF VANCOUVER, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|---|-----------|-----------|----------|----------|----------|
| | | Imports | Exports | Imports | Exports |
| Total all manufactured equipment, machinery and products | 24 | 23 | 0 | ----- | 1 |
| 7110 machinery (not elec) | 0 | 0 | 0 | ----- | ----- |
| 7120 electrical machinery | 0 | 0 | 0 | ----- | ----- |
| 7210 vehicles & parts | 20 | 20 | 0 | ----- | ----- |
| 7230 ships & boats | 1 | 0 | ----- | ----- | 1 |
| 7400 manufac. wood prod. | 1 | 1 | 0 | ----- | ----- |
| 7500 textile products | 0 | 0 | ----- | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | 0 | 0 | ----- | ----- |
| 7900 manufac. prod. nec | 0 | 0 | 0 | ----- | ----- |
| Total unknown or not elsewhere classified | 0 | 0 | 0 | ----- | ----- |
| 9900 unknown or nec | 0 | 0 | 0 | ----- | ----- |

| Commodity | Total | Domestic | | | | |
|--|--------------|-----------|-----------|--------------|------------|-----------|
| | | Coastwise | | Internal | | Intraport |
| | | Receipts | Shipments | Receipts | Shipments | |
| Total, all commodities | 1,672 | 30 | 27 | 1,495 | 119 | 2 |
| Total petroleum and petroleum products | 132 | 19 | 4 | 79 | 28 | 2 |
| Subtotal petroleum products | 132 | 19 | 4 | 79 | 28 | 2 |
| 2211 gasoline | 49 | ----- | 4 | 19 | 24 | 2 |
| 2330 distillate fuel oil | 41 | 19 | ----- | 18 | 4 | ----- |
| 2340 residual fuel oil | 42 | ----- | ----- | 42 | ----- | ----- |
| Total chemicals and related products | 38 | 11 | 9 | 18 | ----- | ----- |
| Subtotal fertilizers | 28 | ----- | 9 | 18 | ----- | ----- |
| 3110 nitrogenous fert. | 18 | ----- | ----- | 18 | ----- | ----- |
| 3190 fert. & mixes nec | 9 | ----- | 9 | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 11 | 11 | ----- | ----- | ----- | ----- |
| 3220 alcohols | 11 | 11 | ----- | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 76 | ----- | ----- | 0 | 76 | ----- |
| Subtotal forest products, wood and chips | 1 | ----- | ----- | 0 | 1 | ----- |
| 4170 wood in the rough | 0 | ----- | ----- | 0 | ----- | ----- |
| 4190 forest products nec | 1 | ----- | ----- | ----- | 1 | ----- |
| Subtotal soil, sand, gravel, rock and stone | 75 | ----- | ----- | ----- | 75 | ----- |
| 4331 sand & gravel | 75 | ----- | ----- | ----- | 75 | ----- |
| Total primary manufactured goods | 0 | ----- | ----- | 0 | ----- | ----- |
| Subtotal primary iron and steel products | 0 | ----- | ----- | 0 | ----- | ----- |
| 5360 i&s bars & shapes | 0 | ----- | ----- | 0 | ----- | ----- |

PORT OF VANCOUVER, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | |
|-------------------------------------|--------------|-----------|-----------|--------------|-----------|-----------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total food and farm products | 1,425 | ----- | 14 | 1,397 | 14 | ----- |
| Subtotal fish | 0 | ----- | ----- | 0 | ----- | ----- |
| 6134 fish (not shellfish) | 0 | ----- | ----- | 0 | ----- | ----- |
| Subtotal grain | 1,425 | ----- | 14 | 1,397 | 14 | ----- |
| 6241 wheat | 1,425 | ----- | 14 | 1,397 | 14 | ----- |

COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR

Section Included: Columbia River between Vancouver, WA, and the Dalles, OR, a distance of about 85 miles.
Controlling Depth: 15 feet between Vancouver and the Dalles. Project Depth: 27 feet.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|--------|-------------|---------------|
| 1985 | 8,347 | 1990 | 9,735 |
| 1986 | 9,134 | 1991 | 10,210 |
| 1987 | 9,236 | 1992 | 10,671 |
| 1988 | 12,375 | 1993 | 10,843 |
| 1989 | 9,246 | 1994 | 11,277 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Coastwise |
|---|------------|------------|
| | | Receipts |
| Total, all commodities | 76 | 76 |
| Total crude materials, inedible except fuels | 76 | 76 |
| Subtotal forest products, wood and chips | 76 | 76 |
| 4161 wood chips | 46 | 46 |
| 4170 wood in the rough | 30 | 30 |
| Ton-miles (x1000) | 918 | |
| Coastwise | | 918 |

COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Internal | | | | | | | |
|--|---------------|------------|------------|------------|------------|--------------|--------------|------------|------------|
| | | Inbound | | Outbound | | Through | | Intra | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| Total, all commodities | 11,201 | 458 | 592 | 190 | 829 | 2,024 | 6,440 | 175 | 492 |
| Total petroleum and petroleum products | 1,677 | ----- | ----- | ----- | ----- | 1,656 | 21 | ----- | ----- |
| Subtotal petroleum products | 1,677 | ----- | ----- | ----- | ----- | 1,656 | 21 | ----- | ----- |
| 2211 gasoline | 895 | ----- | ----- | ----- | ----- | 880 | 15 | ----- | ----- |
| 2330 distillate fuel oil | 782 | ----- | ----- | ----- | ----- | 776 | 6 | ----- | ----- |
| Total chemicals and related products | 348 | 24 | 5 | ----- | 2 | 261 | 56 | ----- | ----- |
| Subtotal fertilizers | 93 | 24 | 5 | ----- | 2 | 7 | 55 | ----- | ----- |
| 3110 nitrogenous fert. | 93 | 24 | 5 | ----- | 2 | 7 | 55 | ----- | ----- |
| Subtotal other chemicals and related products | 255 | ----- | ----- | ----- | ----- | 254 | 1 | ----- | ----- |
| 3273 ammonia | 223 | ----- | ----- | ----- | ----- | 223 | ----- | ----- | ----- |
| 3274 sodium hydroxide | 24 | ----- | ----- | ----- | ----- | 24 | ----- | ----- | ----- |
| 3276 metallic salts | 7 | ----- | ----- | ----- | ----- | 7 | ----- | ----- | ----- |
| 3286 plastics | 1 | ----- | ----- | ----- | ----- | 1 | 1 | ----- | ----- |
| Total crude materials, inedible except fuels | 2,778 | 417 | 549 | ----- | 399 | 87 | 659 | 175 | 492 |
| Subtotal forest products, wood and chips | 2,663 | 328 | 548 | ----- | 391 | 84 | 644 | 175 | 492 |
| 4150 fuel wood | 27 | 27 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 4161 wood chips | 1,834 | 300 | 269 | ----- | 295 | ----- | 577 | 162 | 231 |
| 4170 wood in the rough | 654 | 2 | 279 | ----- | 96 | ----- | 2 | 14 | 262 |
| 4189 lumber | 1 | ----- | ----- | ----- | 0 | ----- | 0 | ----- | ----- |
| 4190 forest products nec | 148 | ----- | ----- | ----- | ----- | 84 | 64 | ----- | ----- |
| Subtotal pulp and waste paper | 30 | 10 | ----- | ----- | 8 | ----- | 12 | ----- | ----- |
| 4225 pulp & waste paper | 30 | 10 | ----- | ----- | 8 | ----- | 12 | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 80 | 78 | 1 | ----- | ----- | ----- | 0 | ----- | ----- |
| 4331 sand & gravel | 80 | 78 | 1 | ----- | ----- | ----- | 0 | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 3 | ----- | ----- | ----- | ----- | 3 | ----- | ----- | ----- |
| 4680 non-ferrous scrap | 3 | ----- | ----- | ----- | ----- | 3 | ----- | ----- | ----- |

COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Internal | | | | | | | |
|--|--------------|-----------|---------|----------|------------|----------|--------------|---------|---------|
| | | Inbound | | Outbound | | Through | | Intra | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| Subtotal sulphur, clay and salt | 3 | ----- | ----- | ----- | ----- | ----- | 3 | ----- | ----- |
| 4782 clay & refrac. mat. | 3 | ----- | ----- | ----- | ----- | ----- | 3 | ----- | ----- |
| Total primary manufactured goods | 375 | 17 | ----- | ----- | 306 | 3 | 50 | ----- | ----- |
| Subtotal paper products | 369 | 17 | ----- | ----- | 305 | 2 | 45 | ----- | ----- |
| 5120 paper & paperboard | 322 | 17 | ----- | ----- | 305 | ----- | ----- | ----- | ----- |
| 5190 paper products nec | 47 | ----- | ----- | ----- | ----- | 2 | 45 | ----- | ----- |
| Subtotal primary iron and steel products | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- | ----- |
| 5360 i&s bars & shapes | 0 | ----- | ----- | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 2 | ----- | ----- | ----- | 1 | 1 | 1 | ----- | ----- |
| 5480 fab. metal products | 2 | ----- | ----- | ----- | 1 | 1 | 1 | ----- | ----- |
| Subtotal primary wood products | 4 | ----- | ----- | ----- | ----- | ----- | 4 | ----- | ----- |
| 5540 primary wood prod. | 4 | ----- | ----- | ----- | ----- | ----- | 4 | ----- | ----- |
| Total food and farm products | 5,775 | 0 | ----- | ----- | 123 | 0 | 5,651 | ----- | ----- |
| Subtotal fish | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 6134 fish (not shellfish) | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 6136 shellfish | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal grain | 5,677 | ----- | ----- | ----- | 123 | ----- | 5,553 | ----- | ----- |
| 6241 wheat | 5,520 | ----- | ----- | ----- | 123 | ----- | 5,396 | ----- | ----- |
| 6344 corn | 5 | ----- | ----- | ----- | ----- | ----- | 5 | ----- | ----- |
| 6443 barley & rye | 152 | ----- | ----- | ----- | ----- | ----- | 152 | ----- | ----- |
| Subtotal oilseeds | 0 | ----- | ----- | ----- | ----- | ----- | 0 | ----- | ----- |
| 6522 soybeans | 0 | ----- | ----- | ----- | ----- | ----- | 0 | ----- | ----- |
| Subtotal vegetable products | 38 | ----- | ----- | ----- | ----- | 0 | 38 | ----- | ----- |
| 6654 vegetables & prod. | 38 | ----- | ----- | ----- | ----- | 0 | 38 | ----- | ----- |

COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Internal | | | | | | | |
|---|----------------|--------------|----------------|---------------|---------------|----------------|----------------|------------|---------------|
| | | Inbound | | Outbound | | Through | | Intra | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| Subtotal processed grain and animal feed | 39 | ----- | ----- | ----- | ----- | 0 | 39 | ----- | ----- |
| 6747 grain mill products | 3 | ----- | ----- | ----- | ----- | 0 | 3 | ----- | ----- |
| 6781 hay & fodder | 37 | ----- | ----- | ----- | ----- | ----- | 37 | ----- | ----- |
| 6782 animal feed, prep. | 0 | ----- | ----- | ----- | ----- | ----- | 0 | ----- | ----- |
| Subtotal other agricultural products | 20 | ----- | ----- | ----- | ----- | ----- | 20 | ----- | ----- |
| 6839 animals & prod. nec | 18 | ----- | ----- | ----- | ----- | ----- | 18 | ----- | ----- |
| 6857 fruit & nuts nec | 1 | ----- | ----- | ----- | ----- | ----- | 1 | ----- | ----- |
| 6858 fruit juices | 1 | ----- | ----- | ----- | ----- | ----- | 1 | ----- | ----- |
| 6899 farm products nec | 1 | ----- | ----- | ----- | ----- | ----- | 1 | ----- | ----- |
| Total all manufactured equipment, machinery and products | 56 | ----- | 37 | ----- | ----- | 17 | 2 | ----- | ----- |
| 7110 machinery (not elec) | 1 | ----- | ----- | ----- | ----- | ----- | 1 | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | ----- | ----- | ----- | ----- | 0 | 0 | ----- | ----- |
| 7800 empty containers | 55 | ----- | 37 | ----- | ----- | 17 | 1 | ----- | ----- |
| 7900 manufac. prod. nec | 0 | ----- | ----- | ----- | ----- | ----- | 0 | ----- | ----- |
| Total waste and scrap nec | 191 | ----- | 1 | 190 | ----- | ----- | 1 | ----- | ----- |
| 8900 waste and scrap nec | 191 | ----- | 1 | 190 | ----- | ----- | 1 | ----- | ----- |
| Ton-miles Internal (x1000) | 825,800 | 5,590 | 31,311 | 15,732 | 37,279 | 172,021 | 547,401 | 403 | 16,063 |
| Tons All Traffic (x1000) | | | 11,277 | | | | | | |
| Ton-miles All Traffic (x1000) | | | 826,718 | | | | | | |

COLUMBIA RIVER ABOVE THE DALLES DAM, WA AND OR TO McNARY LOCK AND DAM, OR AND WA

Section Included: Columbia River between the Dalles Dam and McNary Lock and Dam, a distance of about 91 miles.
 Controlling Depth: within the Dalles and John Day Pools, 14 feet. Project Depth: 14 feet at adopted low water.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 5,865 | 1990 | 7,392 |
| 1986 | 6,413 | 1991 | 7,665 |
| 1987 | 6,972 | 1992 | 7,580 |
| 1988 | 8,846 | 1993 | 8,469 |
| 1989 | 7,071 | 1994 | 9,246 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Internal | | | |
|--|--------------|-----------------|------------------|-----------------|-----------------|
| | | Inbound Upbound | Outbound Downbnd | Through Upbound | Through Downbnd |
| Total, all commodities | 9,246 | 194 | 1,167 | 2,019 | 5,865 |
| Total petroleum and petroleum products | 1,677 | ----- | ----- | 1,656 | 21 |
| Subtotal petroleum products | 1,677 | ----- | ----- | 1,656 | 21 |
| 2211 gasoline | 895 | ----- | ----- | 880 | 15 |
| 2330 distillate fuel oil | 782 | ----- | ----- | 776 | 6 |
| Total chemicals and related products | 322 | 1 | 0 | 260 | 61 |
| Subtotal fertilizers | 67 | ----- | ----- | 7 | 61 |
| 3110 nitrogenous fert. | 67 | ----- | ----- | 7 | 61 |
| Subtotal other chemicals and related products | 255 | 1 | 0 | 254 | 1 |
| 3273 ammonia | 223 | ----- | ----- | 223 | ----- |
| 3274 sodium hydroxide | 24 | ----- | ----- | 24 | ----- |
| 3276 metallic salts | 7 | ----- | ----- | 7 | ----- |
| 3286 plastics | 1 | 1 | 0 | ----- | 1 |
| Total crude materials, inedible except fuels | 1,295 | ----- | 370 | 87 | 838 |
| Subtotal forest products, wood and chips | 1,276 | ----- | 370 | 84 | 822 |
| 4161 wood chips | 847 | ----- | 359 | ----- | 488 |
| 4170 wood in the rough | 281 | ----- | 11 | ----- | 269 |
| 4189 lumber | 0 | ----- | ----- | ----- | 0 |
| 4190 forest products nec | 148 | ----- | ----- | 84 | 64 |
| Subtotal pulp and waste paper | 12 | ----- | ----- | ----- | 12 |
| 4225 pulp & waste paper | 12 | ----- | ----- | ----- | 12 |
| Subtotal soil, sand, gravel, rock and stone | 1 | ----- | ----- | ----- | 1 |
| 4331 sand & gravel | 1 | ----- | ----- | ----- | 1 |
| Subtotal non-ferrous ores and scrap | 3 | ----- | ----- | 3 | ----- |
| 4680 non-ferrous scrap | 3 | ----- | ----- | 3 | ----- |
| Subtotal sulphur, clay and salt | 3 | ----- | ----- | ----- | 3 |
| 4782 clay & refrac. mat. | 3 | ----- | ----- | ----- | 3 |

COLUMBIA RIVER ABOVE THE DALLES DAM, WA AND OR TO MCNARY LOCK AND DAM, OR AND

WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Internal | | | |
|---|----------------|---------------|---------------|----------------|----------------|
| | | Inbound | Outbound | Through | |
| | | Upbound | Downbnd | Upbound | Downbnd |
| Total primary manufactured goods | 53 | 0 | 4 | 3 | 47 |
| Subtotal paper products | 47 | ----- | ----- | 2 | 45 |
| 5190 paper products nec | 47 | ----- | ----- | 2 | 45 |
| Subtotal primary non-ferrous metal products | 1 | 0 | ----- | 1 | 1 |
| 5480 fab. metal products | 1 | 0 | ----- | 1 | 1 |
| Subtotal primary wood products | 4 | ----- | 4 | ----- | 1 |
| 5540 primary wood prod. | 4 | ----- | 4 | ----- | 1 |
| Total food and farm products | 5,651 | ----- | 755 | 0 | 4,896 |
| Subtotal grain | 5,553 | ----- | 715 | ----- | 4,838 |
| 6241 wheat | 5,396 | ----- | 705 | ----- | 4,692 |
| 6344 corn | 5 | ----- | 0 | ----- | 5 |
| 6443 barley & rye | 152 | ----- | 11 | ----- | 141 |
| Subtotal oilseeds | 0 | ----- | ----- | ----- | 0 |
| 6522 soybeans | 0 | ----- | ----- | ----- | 0 |
| Subtotal vegetable products | 38 | ----- | 2 | 0 | 36 |
| 6654 vegetables & prod. | 38 | ----- | 2 | 0 | 36 |
| Subtotal processed grain and animal feed | 39 | ----- | 37 | 0 | 2 |
| 6747 grain mill products | 3 | ----- | 1 | 0 | 2 |
| 6781 hay & fodder | 37 | ----- | 36 | ----- | 1 |
| 6782 animal feed, prep. | 0 | ----- | 0 | ----- | 0 |
| Subtotal other agricultural products | 20 | ----- | 0 | ----- | 20 |
| 6839 animals & prod. nec | 18 | ----- | ----- | ----- | 18 |
| 6857 fruit & nuts nec | 1 | ----- | ----- | ----- | 1 |
| 6858 fruit juices | 1 | ----- | ----- | ----- | 1 |
| 6899 farm products nec | 1 | ----- | 0 | ----- | 1 |
| Total all manufactured equipment, machinery and products | 56 | 4 | 38 | 13 | 2 |
| 7110 machinery (not elec) | 1 | ----- | ----- | ----- | 1 |
| 7600 rubber & plastic pr. | 0 | ----- | 0 | 0 | 0 |
| 7800 empty containers | 55 | 4 | 37 | 13 | 1 |
| 7900 manufac. prod. nec | 0 | ----- | 0 | ----- | 0 |
| Total waste and scrap nec | 191 | 190 | 1 | ----- | 1 |
| 8900 waste and scrap nec | 191 | 190 | 1 | ----- | 1 |
| Ton-miles (x1000) | 860,627 | 15,144 | 72,803 | 197,879 | 574,801 |

Tons All Traffic (x1000) **9,246**
Ton-miles All Traffic (x1000) **860,627**

PORT OF PORTLAND, OR

Section Included: (Statistics for that section of Portland Harbor below Ross Island Bridge are also included in statistics for Columbia and Lower Willamette Rivers below Vancouver, WA, and Portland, OR, and statistics for section above Ross Island Bridge are also included in statistics for Willamette River above Portland and Yamhill River, OR). Controlling depth: 28 feet from mouth to Broadway Bridge; 20 feet at low water above Ross Island Bridge to Lake Oswego: 9 feet to Oregon City. Project Depth: 40 feet at low water below Broadway Bridge; 30 feet from Broadway Bridge to foot of Ross Island, maintained by port of Portland; 8 feet at low water above foot of Ross Island. Statistics for section of Oregon Slough (North Portland Harbor), OR, are also included Controlling Depth: 10 feet.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|--------|------|--------|
| 1985 | 21,845 | 1990 | 27,475 |
| 1986 | 25,590 | 1991 | 29,299 |
| 1987 | 26,813 | 1992 | 28,227 |
| 1988 | 31,971 | 1993 | 29,804 |
| 1989 | 30,030 | 1994 | 30,164 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|---------------|--------------|---------------|------------|-----------|
| | | Imports | Exports | Imports | Exports |
| Total, all commodities | 17,430 | 2,648 | 14,042 | 726 | 14 |
| Total coal | 2 | ----- | 2 | ----- | ----- |
| 1100 coal lignite | 2 | ----- | 2 | ----- | ----- |
| Total petroleum and petroleum products | 406 | 317 | 8 | 81 | ----- |
| Subtotal crude petroleum | 258 | 257 | 0 | ----- | ----- |
| 2100 crude petroleum | 258 | 257 | 0 | ----- | ----- |
| Subtotal petroleum products | 148 | 60 | 7 | 81 | ----- |
| 2211 gasoline | 67 | 17 | ----- | 50 | ----- |
| 2330 distillate fuel oil | 31 | ----- | 0 | 30 | ----- |
| 2340 residual fuel oil | 1 | ----- | 1 | ----- | ----- |
| 2350 lube oil & greases | 4 | 0 | 4 | ----- | ----- |
| 2410 petro. jelly & waxes | 1 | ----- | 1 | ----- | ----- |
| 2429 naphtha & solvents | 0 | ----- | 0 | ----- | ----- |
| 2430 asphalt, tar & pitch | 43 | 43 | 0 | ----- | ----- |
| 2540 petroleum coke | 1 | ----- | 1 | ----- | ----- |
| 2640 liquid natural gas | 0 | ----- | 0 | ----- | ----- |
| Total chemicals and related products | 2,208 | 68 | 2,058 | 68 | 13 |
| Subtotal fertilizers | 88 | 3 | 85 | ----- | ----- |
| 3110 nitrogenous fert. | 7 | 3 | 4 | ----- | ----- |
| 3130 potassic fert. | 76 | ----- | 76 | ----- | ----- |
| 3190 fert. & mixes nec | 5 | 0 | 5 | ----- | ----- |
| Subtotal other chemicals and related products | 2,119 | 65 | 1,972 | 68 | 13 |
| 3211 acyclic hydrocarbons | 0 | ----- | 0 | ----- | ----- |
| 3212 benzene & toluene | 0 | ----- | 0 | ----- | ----- |
| 3219 other hydrocarbons | 1 | 0 | 1 | ----- | ----- |
| 3220 alcohols | 100 | 28 | 4 | 68 | 0 |
| 3230 carboxylic acids | 11 | 0 | 11 | ----- | ----- |

PORT OF PORTLAND, OR
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | | Total | Foreign | | Canadian | |
|---|---------------------------------------|--------------|------------|--------------|------------|----------|
| | | | Imports | Exports | Imports | Exports |
| 3240 | nitrogen func. comp. | 6 | 0 | 6 | ----- | 0 |
| 3250 | organo- inorgan. comp | 1 | 0 | 1 | ----- | ----- |
| 3260 | organic comp. nec | 3 | 0 | 3 | ----- | ----- |
| 3272 | sulphuric acid | 0 | ----- | 0 | ----- | ----- |
| 3274 | sodium hydroxide | 11 | 0 | ----- | ----- | 11 |
| 3275 | inorg. elem., oxides, & halogen salts | 13 | 1 | 11 | ----- | 1 |
| 3276 | metallic salts | 1,884 | 23 | 1,860 | ----- | 1 |
| 3279 | inorganic chem. nec | 1 | 0 | 0 | ----- | ----- |
| 3281 | radioactive material | 0 | 0 | ----- | ----- | ----- |
| 3282 | pigments & paints | 2 | 0 | 1 | ----- | ----- |
| 3283 | coloring mat. nec | 0 | 0 | 0 | ----- | ----- |
| 3284 | medicines | 2 | 0 | 2 | ----- | ----- |
| 3285 | perfumes & cleansers | 20 | 2 | 18 | ----- | ----- |
| 3286 | plastics | 41 | 9 | 32 | ----- | ----- |
| 3291 | pesticides | 0 | ----- | 0 | ----- | ----- |
| 3292 | starches, gluten, glue | 11 | 0 | 11 | ----- | ----- |
| 3293 | explosives | 0 | 0 | 0 | ----- | ----- |
| 3297 | chemical additives | 4 | ----- | 4 | ----- | ----- |
| 3298 | wood & resin chem. | 1 | ----- | 1 | ----- | ----- |
| 3299 | chem. products nec | 5 | 1 | 4 | ----- | ----- |
| Total crude materials, inedible except fuels | | 3,359 | 841 | 1,941 | 577 | 0 |
| Subtotal forest products, wood and chips | | 1,320 | 45 | 1,268 | 7 | 0 |
| 4150 | fuel wood | 15 | ----- | 9 | 7 | 0 |
| 4161 | wood chips | 366 | 0 | 366 | ----- | ----- |
| 4170 | wood in the rough | 371 | 0 | 371 | ----- | ----- |
| 4189 | lumber | 566 | 44 | 522 | ----- | ----- |
| 4190 | forest products nec | 1 | 1 | 0 | ----- | ----- |
| Subtotal pulp and waste paper | | 221 | ----- | 221 | ----- | ----- |
| 4225 | pulp & waste paper | 221 | ----- | 221 | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | | 589 | 0 | 19 | 570 | ----- |
| 4310 | building stone | 0 | 0 | 0 | ----- | ----- |
| 4322 | limestone | 572 | ----- | 2 | 570 | ----- |
| 4323 | gypsum | 0 | 0 | 0 | ----- | ----- |
| 4331 | sand & gravel | 16 | 0 | 16 | ----- | ----- |
| Subtotal iron ore and scrap | | 164 | 37 | 127 | ----- | ----- |
| 4420 | iron & steel scrap | 164 | 37 | 127 | ----- | ----- |
| Subtotal marine shells | | 0 | 0 | 0 | ----- | ----- |
| 4515 | marine shells | 0 | 0 | 0 | ----- | ----- |
| Subtotal non-ferrous ores and scrap | | 543 | 483 | 60 | ----- | ----- |
| 4630 | copper ore | 0 | ----- | 0 | ----- | ----- |
| 4650 | aluminum ore | 475 | 475 | 0 | ----- | ----- |
| 4680 | non-ferrous scrap | 29 | ----- | 29 | ----- | ----- |
| 4690 | non-ferrous ores nec | 39 | 8 | 31 | ----- | ----- |
| Subtotal sulphur, clay and salt | | 229 | ----- | 229 | ----- | ----- |
| 4782 | clay & refrac. mat. | 229 | ----- | 229 | ----- | ----- |
| Subtotal slag | | 1 | ----- | 1 | ----- | ----- |
| 4860 | slag | 1 | ----- | 1 | ----- | ----- |

PORT OF PORTLAND, OR
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|--------------|------------|--------------|----------|----------|
| | | Imports | Exports | Imports | Exports |
| Subtotal other non-metal. min. | 292 | 276 | 16 | ----- | ----- |
| 4900 non-metal. min. nec | 292 | 276 | 16 | ----- | ----- |
| Total primary manufactured goods | 1,546 | 786 | 760 | ----- | 0 |
| Subtotal paper products | 457 | 6 | 452 | ----- | ----- |
| 5110 newsprint | 78 | ----- | 78 | ----- | ----- |
| 5120 paper & paperboard | 371 | 4 | 366 | ----- | ----- |
| 5190 paper products nec | 9 | 1 | 7 | ----- | ----- |
| Subtotal lime, cement and glass | 326 | 277 | 48 | ----- | ----- |
| 5220 cement & concrete | 267 | 267 | 0 | ----- | ----- |
| 5240 glass & glass prod. | 12 | 2 | 10 | ----- | ----- |
| 5290 misc. mineral prod. | 47 | 9 | 38 | ----- | ----- |
| Subtotal primary iron and steel products | 475 | 458 | 17 | ----- | 0 |
| 5312 pig iron | 157 | 155 | 1 | ----- | ----- |
| 5315 ferro alloys | 20 | 19 | 0 | ----- | ----- |
| 5320 i&s primary forms | 95 | 95 | 1 | ----- | ----- |
| 5330 i&s plates & sheets | 81 | 74 | 8 | ----- | ----- |
| 5360 i&s bars & shapes | 12 | 11 | 1 | ----- | ----- |
| 5370 i&s pipe & tube | 31 | 31 | 0 | ----- | ----- |
| 5390 primary i&s nec | 79 | 74 | 6 | ----- | 0 |
| Subtotal primary non-ferrous metal products | 130 | 35 | 95 | ----- | ----- |
| 5421 copper | 3 | 0 | 2 | ----- | ----- |
| 5422 aluminum | 84 | 3 | 81 | ----- | ----- |
| 5429 smelted prod. nec | 8 | 6 | 2 | ----- | ----- |
| 5480 fab. metal products | 36 | 26 | 10 | ----- | ----- |
| Subtotal primary wood products | 157 | 9 | 148 | ----- | ----- |
| 5540 primary wood prod. | 157 | 9 | 148 | ----- | ----- |
| Total food and farm products | 9,170 | 129 | 9,041 | 0 | 0 |
| Subtotal fish | 12 | 0 | 12 | ----- | 0 |
| 6134 fish (not shellfish) | 12 | 0 | 12 | ----- | 0 |
| 6136 shellfish | 0 | 0 | 0 | ----- | ----- |
| Subtotal grain | 8,086 | 2 | 8,084 | ----- | ----- |
| 6241 wheat | 7,644 | ----- | 7,644 | ----- | ----- |
| 6344 corn | 259 | ----- | 259 | ----- | ----- |
| 6442 rice | 2 | 2 | 0 | ----- | ----- |
| 6443 barley & rye | 166 | ----- | 166 | ----- | ----- |
| 6445 oats | 0 | 0 | 0 | ----- | ----- |
| 6447 sorghum grains | 14 | ----- | 14 | ----- | ----- |
| Subtotal oilseeds | 27 | 0 | 27 | ----- | ----- |
| 6522 soybeans | 21 | 0 | 21 | ----- | ----- |
| 6590 oilseeds nec | 6 | 0 | 6 | ----- | ----- |
| Subtotal vegetable products | 393 | 96 | 296 | ----- | ----- |
| 6653 vegetable oils | 92 | 91 | 1 | ----- | ----- |
| 6654 vegetables & prod. | 300 | 5 | 295 | ----- | ----- |
| Subtotal processed grain and animal feed | 386 | 5 | 381 | ----- | ----- |
| 6746 wheat flour | 0 | ----- | 0 | ----- | ----- |
| 6747 grain mill products | 53 | 1 | 52 | ----- | ----- |
| 6781 hay & fodder | 261 | 0 | 261 | ----- | ----- |

PORT OF PORTLAND, OR
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|---|------------|------------|------------|----------|----------|
| | | Imports | Exports | Imports | Exports |
| 6782 animal feed, prep. | 71 | 4 | 68 | ----- | ----- |
| Subtotal other agricultural products | 266 | 27 | 240 | 0 | ----- |
| 6811 meat, fresh, frozen | 20 | 0 | 20 | ----- | ----- |
| 6817 meat, prepared | 5 | 0 | 5 | ----- | ----- |
| 6822 dairy products | 8 | 0 | 8 | ----- | ----- |
| 6835 fish, prepared | 2 | 1 | 1 | ----- | ----- |
| 6838 tallow, animal oils | 1 | 0 | 1 | ----- | ----- |
| 6839 animals & prod. nec | 95 | 0 | 95 | ----- | ----- |
| 6856 bananas & plantains | 0 | 0 | 0 | ----- | ----- |
| 6857 fruit & nuts nec | 12 | 1 | 11 | ----- | ----- |
| 6858 fruit juices | 22 | 9 | 13 | ----- | ----- |
| 6861 sugar | 2 | 1 | 1 | ----- | ----- |
| 6871 coffee | 1 | 1 | 0 | ----- | ----- |
| 6872 cocoa beans | 4 | 4 | ----- | ----- | ----- |
| 6885 alcoholic beverages | 43 | 9 | 34 | 0 | ----- |
| 6888 water & ice | 2 | 0 | 2 | ----- | ----- |
| 6889 food products nec | 35 | 1 | 35 | ----- | ----- |
| 6891 tobacco & products | 3 | ----- | 3 | ----- | ----- |
| 6893 cotton | 3 | ----- | 3 | ----- | ----- |
| 6894 natural fibers nec | 0 | 0 | ----- | ----- | ----- |
| 6899 farm products nec | 10 | 0 | 10 | ----- | ----- |
| Total all manufactured equipment, machinery and products | 731 | 504 | 227 | 0 | 0 |
| 7110 machinery (not elec) | 63 | 25 | 38 | 0 | 0 |
| 7120 electrical machinery | 45 | 27 | 19 | ----- | 0 |
| 7210 vehicles & parts | 451 | 356 | 96 | ----- | 0 |
| 7220 aircraft & parts | 0 | ----- | 0 | ----- | ----- |
| 7230 ships & boats | 1 | 0 | 1 | ----- | ----- |
| 7300 ordnance & access. | 0 | 0 | 0 | ----- | ----- |
| 7400 manufac. wood prod. | 13 | 3 | 9 | ----- | ----- |
| 7500 textile products | 35 | 13 | 21 | 0 | 0 |
| 7600 rubber & plastic pr. | 32 | 20 | 13 | ----- | ----- |
| 7900 manufac. prod. nec | 90 | 60 | 30 | 0 | 0 |
| Total unknown or not elsewhere classified | 9 | 2 | 6 | 0 | ----- |
| 9900 unknown or nec | 9 | 2 | 6 | 0 | ----- |

| Commodity | Total | Domestic | | | | |
|---|---------------|--------------|------------|--------------|--------------|--------------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total, all commodities | 12,735 | 3,231 | 301 | 5,562 | 2,540 | 1,100 |
| Total petroleum and petroleum products | 5,285 | 2,808 | 104 | 33 | 2,024 | 316 |
| Subtotal crude petroleum | 70 | 70 | ----- | ----- | ----- | ----- |
| 2100 crude petroleum | 70 | 70 | ----- | ----- | ----- | ----- |

PORT OF PORTLAND, OR
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | |
|--|--------------|--------------|------------|--------------|--------------|------------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Subtotal petroleum products | 5,215 | 2,738 | 104 | 33 | 2,024 | 316 |
| 2211 gasoline | 2,310 | 1,293 | 32 | 24 | 884 | 77 |
| 2330 distillate fuel oil | 1,600 | 714 | 47 | 6 | 792 | 41 |
| 2340 residual fuel oil | 1,111 | 547 | 15 | 3 | 349 | 198 |
| 2350 lube oil & greases | 112 | 112 | | | | |
| 2429 naphtha & solvents | 5 | | 5 | | | |
| 2430 asphalt, tar & pitch | 77 | 72 | 5 | | | |
| Total chemicals and related products | 837 | 421 | 88 | 60 | 255 | 13 |
| Subtotal fertilizers | 231 | 161 | | 59 | | 12 |
| 3110 nitrogenous fert. | 231 | 161 | | 59 | | 12 |
| Subtotal other chemicals and related products | 605 | 260 | 88 | 1 | 255 | 1 |
| 3220 alcohols | 25 | 1 | 22 | | | 1 |
| 3273 ammonia | 461 | 238 | | | 223 | |
| 3274 sodium hydroxide | 83 | | 63 | | 20 | |
| 3276 metallic salts | 13 | 5 | | | 8 | |
| 3286 plastics | 4 | | 3 | 1 | 1 | |
| 3292 starches, gluten, glue | 4 | | | | 4 | |
| 3297 chemical additives | 5 | 5 | | | | |
| 3298 wood & resin chem. | 9 | 9 | | | | |
| Total crude materials, inedible except fuels | 2,276 | 3 | 55 | 1,257 | 202 | 758 |
| Subtotal forest products, wood and chips | 225 | | 55 | 64 | 82 | 23 |
| 4161 wood chips | 3 | | 3 | | | |
| 4170 wood in the rough | 28 | | 4 | 0 | 0 | 23 |
| 4189 lumber | 49 | | 49 | 0 | | |
| 4190 forest products nec | 146 | | | 64 | 82 | |
| Subtotal pulp and waste paper | 142 | | | 24 | 117 | 1 |
| 4225 pulp & waste paper | 142 | | | 24 | 117 | 1 |
| Subtotal soil, sand, gravel, rock and stone | 1,900 | | | 1,166 | | 734 |
| 4331 sand & gravel | 1,900 | | | 1,166 | | 734 |
| Subtotal non-ferrous ores and scrap | 6 | 3 | | | 3 | |
| 4680 non-ferrous scrap | 6 | 3 | | | 3 | |
| Subtotal sulphur, clay and salt | 3 | | | 3 | | |
| 4782 clay & refrac. mat. | 3 | | | 3 | | |

PORT OF PORTLAND, OR
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | |
|---|--------------|-----------|-----------|--------------|-----------|-----------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total primary manufactured goods | 827 | ----- | 54 | 759 | 13 | 1 |
| Subtotal paper products | 803 | ----- | 36 | 754 | 12 | 1 |
| 5120 paper & paperboard | 720 | ----- | ----- | 708 | 11 | 1 |
| 5190 paper products nec | 83 | ----- | 36 | 45 | 2 | ----- |
| Subtotal primary iron and steel products | 10 | ----- | 10 | 0 | ----- | ----- |
| 5330 i&s plates & sheets | 0 | ----- | 0 | ----- | ----- | ----- |
| 5360 i&s bars & shapes | 8 | ----- | 8 | 0 | ----- | ----- |
| 5370 i&s pipe & tube | 2 | ----- | 2 | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 2 | ----- | ----- | 1 | 1 | ----- |
| 5480 fab. metal products | 2 | ----- | ----- | 1 | 1 | ----- |
| Subtotal primary wood products | 12 | ----- | 8 | 4 | ----- | ----- |
| 5540 primary wood prod. | 12 | ----- | 8 | 4 | ----- | ----- |
| Total food and farm products | 3,490 | ----- | ----- | 3,450 | 28 | 12 |
| Subtotal grain | 3,392 | ----- | ----- | 3,352 | 28 | 12 |
| 6241 wheat | 3,297 | ----- | ----- | 3,260 | 25 | 12 |
| 6344 corn | 5 | ----- | ----- | 5 | ----- | ----- |
| 6443 barley & rye | 90 | ----- | ----- | 87 | 3 | ----- |
| Subtotal oilseeds | 0 | ----- | ----- | 0 | ----- | ----- |
| 6522 soybeans | 0 | ----- | ----- | 0 | ----- | ----- |
| Subtotal vegetable products | 38 | ----- | ----- | 38 | 0 | ----- |
| 6654 vegetables & prod. | 38 | ----- | ----- | 38 | 0 | ----- |
| Subtotal processed grain and animal feed | 39 | ----- | ----- | 39 | 0 | ----- |
| 6747 grain mill products | 3 | ----- | ----- | 3 | 0 | ----- |
| 6781 hay & fodder | 37 | ----- | ----- | 37 | ----- | ----- |
| 6782 animal feed, prep. | 0 | ----- | ----- | 0 | ----- | ----- |
| Subtotal other agricultural products | 20 | ----- | ----- | 20 | ----- | ----- |
| 6839 animals & prod. nec | 18 | ----- | ----- | 18 | ----- | ----- |
| 6857 fruit & nuts nec | 1 | ----- | ----- | 1 | ----- | ----- |
| 6858 fruit juices | 1 | ----- | ----- | 1 | ----- | ----- |
| 6899 farm products nec | 1 | ----- | ----- | 1 | ----- | ----- |
| Total all manufactured equipment, machinery and products | 19 | ----- | 0 | 2 | 17 | ----- |
| 7110 machinery (not elec) | 1 | ----- | 0 | 1 | ----- | ----- |
| 7230 ships & boats | 0 | ----- | 0 | ----- | ----- | ----- |
| 7400 manufac. wood prod. | 0 | ----- | 0 | ----- | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | ----- | ----- | 0 | 0 | ----- |
| 7800 empty containers | 18 | ----- | ----- | 1 | 17 | ----- |
| 7900 manufac. prod. nec | 0 | ----- | 0 | 0 | ----- | ----- |
| Total waste and scrap nec | 1 | ----- | ----- | 1 | ----- | ----- |
| 8900 waste and scrap nec | 1 | ----- | ----- | 1 | ----- | ----- |

WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER, OR

Section Included: Willamette River from Portland to Harrisburg, OR, a distance of 159 miles, and Yamhill River from mouth to mile 4.0. Controlling Depth: 8 feet from Portland to Oregon City; 3 feet to Corvallis; 4 feet on Yamhill River from mouth to mile 4.0. Project Depth: Willamette River, 8 feet from Portland to Oregon City; 6 feet from Oregon City to mouth of Santiam River; 5 feet from mouth of Santiam River to Albany; 2.5 feet to 3.5 feet from Albany to Corvallis; no depths prescribed from Corvallis to Harrisburg; Yamhill River, 4 feet from mouth to mile 4.0.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|-------------|--------------|
| 1985 | 3,526 | 1990 | 2,224 |
| 1986 | 3,744 | 1991 | 1,575 |
| 1987 | 2,620 | 1992 | 1,448 |
| 1988 | 3,121 | 1993 | 1,375 |
| 1989 | 1,981 | 1994 | 1,481 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Domestic | | | |
|--|--------------|-----------|------------|--------------|-----------------|
| | | Coastwise | Internal | | |
| | | Shipments | Inbound | Outbound | Intra |
| | | | Upbound | Downbnd | Upbound Downbnd |
| Total, all commodities | 1,481 | 4 | 114 | 1,068 | 163 133 |
| Total petroleum and petroleum products | 0 | ----- | 0 | ----- | ----- |
| Subtotal petroleum products | 0 | ----- | 0 | ----- | ----- |
| 2340 residual fuel oil | 0 | ----- | 0 | ----- | ----- |
| Total chemicals and related products | 4 | ----- | 4 | ----- | ----- |
| Subtotal other chemicals and related products | 4 | ----- | 4 | ----- | ----- |
| 3292 starches, gluten, glue | 4 | ----- | 4 | ----- | ----- |
| Total crude materials, inedible except fuels | 1,343 | 4 | 109 | 935 | 163 133 |
| Subtotal forest products, wood and chips | 204 | 4 | ----- | 200 | ----- |
| 4150 fuel wood | 36 | ----- | ----- | 36 | ----- |
| 4161 wood chips | 146 | ----- | ----- | 146 | ----- |
| 4170 wood in the rough | 23 | 4 | ----- | 19 | ----- |
| Subtotal pulp and waste paper | 109 | ----- | 109 | ----- | ----- |
| 4225 pulp & waste paper | 109 | ----- | 109 | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 1,030 | ----- | ----- | 734 | 163 133 |
| 4331 sand & gravel | 1,030 | ----- | ----- | 734 | 163 133 |

WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER, OR
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Grand Total | Domestic | | | |
|---|----------------|-----------|--------------------|---------------------|--------------------------|
| | | Coastwise | Internal | | |
| | | Shipments | Inbound Upbound | Outbound Downbnd | Intra Upbound Downbnd |
| Total primary manufactured goods | 134 | ----- | ----- | 134 | ----- |
| Subtotal paper products | 134 | ----- | ----- | 134 | ----- |
| 5120 paper & paperboard | 134 | ----- | ----- | 134 | ----- |
| Ton-miles (x1000) | 6,596 | 104 | 1,251 | 2,560 | 1,124 |
| | | | | | 1,557 |
| Tons All Traffic (x1000) | 1,481 | | | | |
| Ton-miles All Traffic (x1000) | 6,596 | | | | |

COOS BAY, OR

Section Included: From sea to Millington, a distance of 17 miles. (Same section and statistics apply to Port of Coos Bay). Controlling Depth: 39 feet in entrance channel; 30 feet in inner channel to mile 15; 20 feet in Isthmus Slough to Millington. Project Depth: 45/35 feet on bar and 35 feet from entrance to mile 15; turning basins of same depth opposite Coalbank Slough and at the city of North Bend: Anchorage basins 27 feet at mile 3.5 and near mile 7; a channel; 22 feet deep from Smith's Mill (mile 15) to Millington; mooring basin for small boats at Charleston, with a connecting channel 16 feet deep to deep water in Coos Bay.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 7,635 | 1990 | 6,069 |
| 1986 | 6,055 | 1991 | 5,523 |
| 1987 | 7,762 | 1992 | 4,458 |
| 1988 | 7,830 | 1993 | 5,413 |
| 1989 | 6,986 | 1994 | 3,744 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | | Domestic | | | | | |
|--|--------------|-----------|--------------|------------|-----------|-----------|-----------|-----------|-----------|
| | | Imports | Exports | Total | Coastwise | | Internal | | |
| | | | | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total, all commodities | 3,744 | 47 | 3,486 | 212 | 71 | 70 | 12 | 16 | 44 |
| Total petroleum and petroleum products | 118 | ----- | 17 | 101 | 70 | ----- | ----- | ----- | 31 |
| Subtotal petroleum products | 118 | ----- | 17 | 101 | 70 | ----- | ----- | ----- | 31 |
| 2330 distillate fuel oil | 11 | ----- | ----- | 11 | 11 | ----- | ----- | ----- | ----- |
| 2340 residual fuel oil | 90 | ----- | ----- | 90 | 59 | ----- | ----- | ----- | 31 |
| 2540 petroleum coke | 17 | ----- | 17 | ----- | ----- | ----- | ----- | ----- | ----- |
| Total chemicals and related products | 13 | 13 | 0 | 0 | ----- | 0 | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 13 | 13 | 0 | 0 | ----- | 0 | ----- | ----- | ----- |
| 3240 nitrogen func. comp. | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3276 metallic salts | 13 | 13 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 3286 plastics | 0 | 0 | 0 | 0 | ----- | 0 | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 3,540 | 33 | 3,434 | 73 | ----- | 44 | ----- | 16 | 13 |
| Subtotal forest products, wood and chips | 3,260 | 33 | 3,171 | 57 | ----- | 44 | ----- | ----- | 13 |
| 4161 wood chips | 2,415 | ----- | 2,415 | ----- | ----- | ----- | ----- | ----- | ----- |

COOS BAY, OR
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Domestic | | | | | |
|--|-------------|----------|------------|-----------|-----------|-----------|----------|-----------|-----------|
| | | Imports | Exports | Total | Coastwise | | Internal | | |
| | | | | | Receipts | Shipments | Receipts | Shipments | Intraport |
| 4170 wood in the rough | 580 | 32 | 535 | 13 | ----- | 1 | ----- | ----- | 13 |
| 4189 lumber | 265 | 1 | 220 | 44 | ----- | 44 | ----- | ----- | ----- |
| Subtotal pulp and waste paper | 8 | ----- | 8 | ----- | ----- | ----- | ----- | ----- | ----- |
| 4225 pulp & waste paper | 8 | ----- | 8 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 16 | ----- | ----- | 16 | ----- | ----- | ----- | 16 | ----- |
| 4331 sand & gravel | 16 | ----- | ----- | 16 | ----- | ----- | ----- | 16 | ----- |
| Subtotal non-ferrous ores and scrap | 256 | ----- | 256 | ----- | ----- | ----- | ----- | ----- | ----- |
| 4630 copper ore | 256 | ----- | 256 | ----- | ----- | ----- | ----- | ----- | ----- |
| Total primary manufactured goods | 60 | 0 | 34 | 26 | 1 | 25 | ----- | ----- | ----- |
| Subtotal paper products | 47 | ----- | 31 | 16 | ----- | 16 | ----- | ----- | ----- |
| 5120 paper & paperboard | 31 | ----- | 31 | ----- | ----- | ----- | ----- | ----- | ----- |
| 5190 paper products nec | 16 | ----- | ----- | 16 | ----- | 16 | ----- | ----- | ----- |
| Subtotal lime, cement and glass | 0 | ----- | ----- | 0 | ----- | 0 | ----- | ----- | ----- |
| 5240 glass & glass prod. | 0 | ----- | ----- | 0 | ----- | 0 | ----- | ----- | ----- |
| Subtotal primary iron and steel products | 2 | 0 | ----- | 2 | ----- | 2 | ----- | ----- | ----- |
| 5320 i&s primary forms | 0 | ----- | ----- | 0 | ----- | 0 | ----- | ----- | ----- |
| 5330 i&s plates & sheets | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 5360 i&s bars & shapes | 2 | ----- | ----- | 2 | ----- | 2 | ----- | ----- | ----- |
| 5370 i&s pipe & tube | 0 | ----- | ----- | 0 | ----- | 0 | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 0 | ----- | ----- | 0 | ----- | 0 | ----- | ----- | ----- |
| 5480 fab. metal products | 0 | ----- | ----- | 0 | ----- | 0 | ----- | ----- | ----- |
| Subtotal primary wood products | 10 | ----- | 3 | 7 | 1 | 7 | ----- | ----- | ----- |
| 5540 primary wood prod. | 10 | ----- | 3 | 7 | 1 | 7 | ----- | ----- | ----- |

COOS BAY, OR
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Domestic | | | | |
|---|----------------|----------|----------|-----------|-----------|-----------|-----------|------------------------|
| | | Imports | Exports | Total | Coastwise | | Internal | |
| | | | | | Receipts | Shipments | Receipts | Shipments Intraport |
| Total food and farm products | 12 | 0 | 0 | 12 | ----- | ----- | 12 | ----- |
| Subtotal fish | 12 | ----- | ----- | 12 | ----- | ----- | 12 | ----- |
| 6134 fish (not shellfish) | 8 | ----- | ----- | 8 | ----- | ----- | 8 | ----- |
| 6136 shellfish | 4 | ----- | ----- | 4 | ----- | ----- | 4 | ----- |
| Subtotal vegetable products | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 6654 vegetables & prod. | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| Subtotal other agricultural products | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 6811 meat, fresh, frozen | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 6817 meat, prepared | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 6822 dairy products | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6885 alcoholic beverages | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 6889 food products nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 1 | 0 | 1 | 0 | ----- | 0 | ----- | ----- |
| 7110 machinery (not elec) | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 7120 electrical machinery | 0 | ----- | 0 | 0 | ----- | 0 | ----- | ----- |
| 7210 vehicles & parts | 0 | ----- | ----- | 0 | ----- | 0 | ----- | ----- |
| 7230 ships & boats | 0 | ----- | ----- | 0 | ----- | 0 | ----- | ----- |
| 7400 manufac. wood prod. | 1 | ----- | 1 | 0 | ----- | 0 | ----- | ----- |
| 7500 textile products | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| Total unknown or not elsewhere classified | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 9900 unknown or nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |

COLUMBIA RIVER SYSTEM

Section Included: Main channels and all navigable tributaries of the Columbia, Willamette and Snake Rivers.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|-------|--------|
| 1985 | 0 | 1990* | 53,229 |
| 1986 | 0 | 1991 | 52,376 |
| 1987 | 0 | 1992 | 53,427 |
| 1988 | 0 | 1993 | 53,558 |
| 1989 | 0 | 1994 | 52,607 |

*Not compiled prior to 1990.

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|---------------|--------------|---------------|------------|------------|
| | | Imports | Exports | Imports | Exports |
| Total, all commodities | 32,706 | 3,927 | 27,837 | 833 | 110 |
| Total coal | 2 | ----- | 2 | ----- | ----- |
| 1100 coal lignite | 2 | ----- | 2 | ----- | ----- |
| Total petroleum and petroleum products | 972 | 352 | 453 | 81 | 86 |
| Subtotal crude petroleum | 258 | 257 | 0 | ----- | ----- |
| 2100 crude petroleum | 258 | 257 | 0 | ----- | ----- |
| Subtotal petroleum products | 714 | 95 | 453 | 81 | 86 |
| 2211 gasoline | 67 | 17 | ----- | 50 | ----- |
| 2330 distillate fuel oil | 31 | ----- | 0 | 30 | ----- |
| 2340 residual fuel oil | 1 | ----- | 1 | ----- | ----- |
| 2350 lube oil & greases | 4 | 0 | 4 | ----- | ----- |
| 2410 petro. jelly & waxes | 1 | ----- | 1 | ----- | ----- |
| 2429 naphtha & solvents | 0 | ----- | 0 | ----- | ----- |
| 2430 asphalt, tar & pitch | 78 | 78 | 0 | ----- | ----- |
| 2540 petroleum coke | 533 | ----- | 447 | ----- | 86 |
| 2640 liquid natural gas | 0 | ----- | 0 | ----- | ----- |
| Total chemicals and related products | 3,068 | 281 | 2,693 | 76 | 18 |
| Subtotal fertilizers | 382 | 25 | 357 | ----- | ----- |
| 3110 nitrogenous fert. | 29 | 25 | 4 | ----- | ----- |
| 3130 potassic fert. | 348 | ----- | 348 | ----- | ----- |
| 3190 fert. & mixes nec | 5 | 0 | 5 | ----- | ----- |
| Subtotal other chemicals and related products | 2,686 | 256 | 2,336 | 76 | 18 |
| 3211 acyclic hydrocarbons | 0 | ----- | 0 | ----- | ----- |
| 3212 benzene & toluene | 27 | 27 | 0 | ----- | ----- |
| 3219 other hydrocarbons | 1 | 0 | 1 | ----- | ----- |
| 3220 alcohols | 119 | 37 | 5 | 76 | 0 |
| 3230 carboxylic acids | 11 | 0 | 11 | ----- | ----- |
| 3240 nitrogen func. comp. | 6 | 0 | 6 | ----- | 0 |
| 3250 organo- inorgan. comp | 1 | 0 | 1 | ----- | ----- |
| 3260 organic comp. nec | 3 | 0 | 3 | ----- | ----- |
| 3272 sulphuric acid | 0 | ----- | 0 | ----- | ----- |
| 3274 sodium hydroxide | 15 | 0 | ----- | ----- | 15 |

COLUMBIA RIVER SYSTEM
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | | Total | Foreign | | Canadian | |
|---|---------------------------------------|--------------|--------------|--------------|------------|----------|
| | | | Imports | Exports | Imports | Exports |
| 3275 | inorg. elem., oxides, & halogen salts | 154 | 138 | 15 | ----- | 1 |
| 3276 | metallic salts | 2,258 | 40 | 2,216 | ----- | 1 |
| 3279 | inorganic chem. nec | 1 | 0 | 0 | ----- | ----- |
| 3281 | radioactive material | 0 | 0 | ----- | ----- | ----- |
| 3282 | pigments & paints | 2 | 0 | 1 | ----- | ----- |
| 3283 | coloring mat. nec | 0 | 0 | 0 | ----- | ----- |
| 3284 | medicines | 2 | 0 | 2 | ----- | ----- |
| 3285 | perfumes & cleansers | 20 | 2 | 18 | ----- | ----- |
| 3286 | plastics | 42 | 9 | 33 | ----- | ----- |
| 3291 | pesticides | 0 | ----- | 0 | ----- | ----- |
| 3292 | starches, gluten, glue | 12 | 0 | 11 | ----- | ----- |
| 3293 | explosives | 0 | 0 | 0 | ----- | ----- |
| 3297 | chemical additives | 4 | ----- | 4 | ----- | ----- |
| 3298 | wood & resin chem. | 1 | ----- | 1 | ----- | ----- |
| 3299 | chem. products nec | 5 | 1 | 5 | ----- | ----- |
| Total crude materials, inedible except fuels | | 7,396 | 1,688 | 5,031 | 672 | 5 |
| Subtotal forest products, wood and chips | | 4,364 | 78 | 4,179 | 102 | 5 |
| 4150 | fuel wood | 111 | ----- | 9 | 102 | ----- |
| 4161 | wood chips | 630 | 0 | 625 | ----- | 5 |
| 4170 | wood in the rough | 2,990 | 6 | 2,984 | ----- | ----- |
| 4189 | lumber | 633 | 71 | 561 | ----- | ----- |
| 4190 | forest products nec | 1 | 1 | 0 | ----- | ----- |
| Subtotal pulp and waste paper | | 249 | ----- | 249 | ----- | ----- |
| 4225 | pulp & waste paper | 249 | ----- | 249 | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | | 595 | 0 | 24 | 570 | ----- |
| 4310 | building stone | 0 | 0 | 0 | ----- | ----- |
| 4322 | limestone | 572 | ----- | 2 | 570 | ----- |
| 4323 | gypsum | 0 | 0 | 0 | ----- | ----- |
| 4331 | sand & gravel | 22 | 0 | 22 | ----- | ----- |
| Subtotal iron ore and scrap | | 164 | 37 | 127 | ----- | ----- |
| 4420 | iron & steel scrap | 164 | 37 | 127 | ----- | ----- |
| Subtotal marine shells | | 0 | 0 | 0 | ----- | ----- |
| 4515 | marine shells | 0 | 0 | 0 | ----- | ----- |
| Subtotal non-ferrous ores and scrap | | 1,208 | 1,135 | 73 | ----- | ----- |
| 4630 | copper ore | 0 | ----- | 0 | ----- | ----- |
| 4650 | aluminum ore | 1,121 | 1,121 | 0 | ----- | ----- |
| 4680 | non-ferrous scrap | 30 | 1 | 30 | ----- | ----- |
| 4690 | non-ferrous ores nec | 57 | 14 | 43 | ----- | ----- |
| Subtotal sulphur, clay and salt | | 351 | 15 | 336 | ----- | ----- |
| 4782 | clay & refrac. mat. | 351 | 15 | 336 | ----- | ----- |
| Subtotal slag | | 1 | ----- | 1 | ----- | ----- |
| 4860 | slag | 1 | ----- | 1 | ----- | ----- |
| Subtotal other non-metal. min. | | 464 | 422 | 42 | ----- | ----- |
| 4900 | non-metal. min. nec | 464 | 422 | 42 | ----- | ----- |
| Total primary manufactured goods | | 2,038 | 944 | 1,090 | 4 | 0 |
| Subtotal paper products | | 760 | 6 | 751 | 4 | ----- |
| 5110 | newsprint | 358 | ----- | 354 | 4 | ----- |

COLUMBIA RIVER SYSTEM
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|---------------|------------|---------------|----------|----------|
| | | Imports | Exports | Imports | Exports |
| 5120 paper & paperboard | 394 | 4 | 389 | ----- | ----- |
| 5190 paper products nec | 9 | 1 | 8 | ----- | ----- |
| Subtotal lime, cement and glass | 326 | 277 | 49 | ----- | ----- |
| 5220 cement & concrete | 267 | 267 | 0 | ----- | ----- |
| 5240 glass & glass prod. | 12 | 2 | 10 | ----- | ----- |
| 5290 misc. mineral prod. | 47 | 9 | 38 | ----- | ----- |
| Subtotal primary iron and steel products | 631 | 585 | 45 | ----- | 0 |
| 5312 pig iron | 157 | 155 | 1 | ----- | ----- |
| 5315 ferro alloys | 56 | 28 | 28 | ----- | ----- |
| 5320 i&s primary forms | 106 | 105 | 1 | ----- | ----- |
| 5330 i&s plates & sheets | 134 | 126 | 8 | ----- | ----- |
| 5360 i&s bars & shapes | 29 | 28 | 1 | ----- | ----- |
| 5370 i&s pipe & tube | 66 | 66 | 0 | ----- | ----- |
| 5390 primary i&s nec | 83 | 77 | 6 | ----- | 0 |
| Subtotal primary non-ferrous metal products | 135 | 39 | 95 | ----- | ----- |
| 5421 copper | 3 | 0 | 2 | ----- | ----- |
| 5422 aluminum | 87 | 6 | 81 | ----- | ----- |
| 5429 smelted prod. nec | 9 | 7 | 2 | ----- | ----- |
| 5480 fab. metal products | 36 | 26 | 10 | ----- | ----- |
| Subtotal primary wood products | 187 | 36 | 150 | 0 | ----- |
| 5540 primary wood prod. | 187 | 36 | 150 | 0 | ----- |
| Total food and farm products | 18,462 | 130 | 18,332 | 0 | 0 |
| Subtotal fish | 13 | 0 | 13 | ----- | 0 |
| 6134 fish (not shellfish) | 13 | 0 | 13 | ----- | 0 |
| 6136 shellfish | 0 | 0 | 0 | ----- | ----- |
| Subtotal grain | 16,856 | 2 | 16,855 | ----- | ----- |
| 6241 wheat | 14,684 | ----- | 14,684 | ----- | ----- |
| 6344 corn | 1,857 | ----- | 1,857 | ----- | ----- |
| 6442 rice | 2 | 2 | 0 | ----- | ----- |
| 6443 barley & rye | 224 | ----- | 224 | ----- | ----- |
| 6445 oats | 0 | 0 | 0 | ----- | ----- |
| 6447 sorghum grains | 90 | ----- | 90 | ----- | ----- |
| Subtotal oilseeds | 103 | 0 | 103 | ----- | ----- |
| 6522 soybeans | 78 | 0 | 78 | ----- | ----- |
| 6590 oilseeds nec | 25 | 0 | 25 | ----- | ----- |
| Subtotal vegetable products | 397 | 96 | 301 | ----- | ----- |
| 6653 vegetable oils | 92 | 91 | 1 | ----- | ----- |
| 6654 vegetables & prod. | 305 | 5 | 300 | ----- | ----- |
| Subtotal processed grain and animal feed | 819 | 5 | 814 | ----- | ----- |
| 6746 wheat flour | 0 | ----- | 0 | ----- | ----- |
| 6747 grain mill products | 55 | 1 | 54 | ----- | ----- |
| 6781 hay & fodder | 282 | 0 | 282 | ----- | ----- |
| 6782 animal feed, prep. | 481 | 4 | 478 | ----- | ----- |
| Subtotal other agricultural products | 273 | 27 | 246 | 0 | ----- |
| 6811 meat, fresh, frozen | 20 | 0 | 20 | ----- | ----- |
| 6817 meat, prepared | 5 | 0 | 5 | ----- | ----- |
| 6822 dairy products | 8 | 0 | 8 | ----- | ----- |
| 6835 fish, prepared | 2 | 1 | 1 | 0 | ----- |
| 6838 tallow, animal oils | 1 | 0 | 1 | ----- | ----- |

COLUMBIA RIVER SYSTEM
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | | Total | Foreign | | Canadian | |
|---|----------------------|------------------|------------------|------------|---------------|--------------|
| | | | Imports | Exports | Imports | Exports |
| 6839 | animals & prod. nec | 96 | 0 | 96 | ----- | ----- |
| 6856 | bananas & plantains | 0 | 0 | 0 | ----- | ----- |
| 6857 | fruit & nuts nec | 13 | 1 | 12 | ----- | ----- |
| 6858 | fruit juices | 22 | 9 | 13 | ----- | ----- |
| 6861 | sugar | 2 | 1 | 1 | ----- | ----- |
| 6871 | coffee | 1 | 1 | 0 | ----- | ----- |
| 6872 | cocoa beans | 4 | 4 | ----- | ----- | ----- |
| 6885 | alcoholic beverages | 44 | 9 | 34 | 0 | ----- |
| 6888 | water & ice | 2 | 0 | 2 | ----- | ----- |
| 6889 | food products nec | 35 | 1 | 35 | ----- | ----- |
| 6891 | tobacco & products | 3 | ----- | 3 | ----- | ----- |
| 6893 | cotton | 5 | ----- | 5 | ----- | ----- |
| 6894 | natural fibers nec | 0 | 0 | ----- | ----- | ----- |
| 6899 | farm products nec | 10 | 0 | 10 | ----- | ----- |
| Total all manufactured equipment, machinery and products | | 758 | 528 | 229 | 0 | 1 |
| 7110 | machinery (not elec) | 64 | 26 | 38 | 0 | 0 |
| 7120 | electrical machinery | 46 | 27 | 19 | 0 | 0 |
| 7210 | vehicles & parts | 474 | 378 | 96 | ----- | 0 |
| 7220 | aircraft & parts | 0 | ----- | 0 | ----- | ----- |
| 7230 | ships & boats | 2 | 0 | 1 | ----- | 1 |
| 7300 | ordnance & access. | 0 | 0 | 0 | ----- | ----- |
| 7400 | manufac. wood prod. | 14 | 5 | 10 | ----- | ----- |
| 7500 | textile products | 35 | 13 | 22 | 0 | 0 |
| 7600 | rubber & plastic pr. | 33 | 20 | 13 | ----- | ----- |
| 7900 | manufac. prod. nec | 91 | 60 | 31 | 0 | 0 |
| Total unknown or not elsewhere classified | | 10 | 4 | 6 | 0 | ----- |
| 9900 | unknown or nec | 10 | 4 | 6 | 0 | ----- |
| Ton-miles (x1000) | | 1,324,503 | 1,171,337 | | 6,361 | |
| Foreign & Canadian | | | 136,328 | | 10,477 | |

| Commodity | Total | Domestic | | | | | |
|---|---------------|--------------|------------|-----------------|------------------|---------------|---------------|
| | | Coastwise | | Internal | | | |
| | | Receipts | Shipments | Inbound Downbnd | Outbound Upbound | Intra Upbound | Intra Downbnd |
| Total, all commodities | 19,901 | 3,742 | 565 | 16 | 83 | 9,696 | 5,800 |
| Total petroleum and petroleum products | 5,385 | 2,858 | 116 | ----- | ----- | 2,250 | 161 |
| Subtotal crude petroleum | 70 | 70 | ----- | ----- | ----- | ----- | ----- |
| 2100 crude petroleum | 70 | 70 | ----- | ----- | ----- | ----- | ----- |
| Subtotal petroleum products | 5,315 | 2,789 | 116 | ----- | ----- | 2,250 | 161 |
| 2211 gasoline | 2,332 | 1,293 | 36 | ----- | ----- | 1,003 | ----- |

COLUMBIA RIVER SYSTEM
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | | |
|--|--------------|------------|------------|-----------|----------|--------------|--------------|
| | | Coastwise | | Internal | | | |
| | | Receipts | Shipments | Inbound | Outbound | Intra | |
| | | | | Downbnd | Upbound | Upbound | Downbnd |
| 2330 distillate fuel oil | 1,655 | 741 | 55 | ----- | ----- | 852 | 6 |
| 2340 residual fuel oil | 1,135 | 570 | 15 | ----- | ----- | 395 | 155 |
| 2350 lube oil & greases | 112 | 112 | ----- | ----- | ----- | ----- | ----- |
| 2429 naphtha & solvents | 5 | ----- | 5 | ----- | ----- | ----- | ----- |
| 2430 asphalt, tar & pitch | 77 | 72 | 5 | ----- | ----- | ----- | ----- |
| Total chemicals and related products | 1,100 | 466 | 182 | ----- | ----- | 397 | 54 |
| Subtotal fertilizers | 342 | 161 | 19 | ----- | ----- | 128 | 34 |
| 3110 nitrogenous fert. | 326 | 161 | 4 | ----- | ----- | 128 | 33 |
| 3130 potassic fert. | 3 | ----- | 3 | ----- | ----- | ----- | ----- |
| 3190 fert. & mixes nec | 13 | ----- | 11 | ----- | ----- | 1 | 1 |
| Subtotal other chemicals and related products | 758 | 305 | 163 | ----- | ----- | 269 | 20 |
| 3212 benzene & toluene | 34 | 34 | ----- | ----- | ----- | ----- | ----- |
| 3220 alcohols | 40 | 12 | 26 | ----- | ----- | 1 | ----- |
| 3273 ammonia | 469 | 238 | ----- | ----- | ----- | 231 | ----- |
| 3274 sodium hydroxide | 178 | ----- | 134 | ----- | ----- | 24 | 20 |
| 3276 metallic salts | 13 | 5 | ----- | ----- | ----- | 7 | 1 |
| 3286 plastics | 4 | ----- | 3 | ----- | ----- | 1 | ----- |
| 3292 starches, gluten, glue | 4 | ----- | ----- | ----- | ----- | 4 | ----- |
| 3297 chemical additives | 5 | 5 | ----- | ----- | ----- | ----- | ----- |
| 3298 wood & resin chem. | 9 | 9 | ----- | ----- | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 6,314 | 418 | 193 | 16 | ----- | 2,625 | 3,063 |
| Subtotal forest products, wood and chips | 3,544 | 349 | 193 | ----- | ----- | 832 | 2,170 |
| 4150 fuel wood | 36 | ----- | ----- | ----- | ----- | 27 | 9 |
| 4161 wood chips | 2,386 | 313 | 3 | ----- | ----- | 608 | 1,463 |
| 4170 wood in the rough | 798 | 36 | 15 | ----- | ----- | 48 | 698 |
| 4189 lumber | 176 | ----- | 175 | ----- | ----- | 0 | 0 |
| 4190 forest products nec | 148 | ----- | ----- | ----- | ----- | 148 | ----- |
| Subtotal pulp and waste paper | 173 | ----- | ----- | ----- | ----- | 153 | 20 |
| 4225 pulp & waste paper | 173 | ----- | ----- | ----- | ----- | 153 | 20 |
| Subtotal soil, sand, gravel, rock and stone | 2,523 | ----- | ----- | 16 | ----- | 1,634 | 873 |
| 4331 sand & gravel | 2,523 | ----- | ----- | 16 | ----- | 1,634 | 873 |
| Subtotal non-ferrous ores and scrap | 6 | 3 | ----- | ----- | ----- | 3 | ----- |
| 4680 non-ferrous scrap | 6 | 3 | ----- | ----- | ----- | 3 | ----- |
| Subtotal sulphur, clay and salt | 3 | ----- | ----- | ----- | ----- | 3 | ----- |
| 4782 clay & refrac. mat. | 3 | ----- | ----- | ----- | ----- | 3 | ----- |
| Subtotal other non-metal. min. | 66 | 66 | ----- | ----- | ----- | ----- | ----- |
| 4900 non-metal. min. nec | 66 | 66 | ----- | ----- | ----- | ----- | ----- |
| Total primary manufactured goods | 848 | ----- | 60 | ----- | ----- | 646 | 141 |
| Subtotal paper products | 820 | ----- | 39 | ----- | ----- | 640 | 141 |
| 5120 paper & paperboard | 734 | ----- | ----- | ----- | ----- | 593 | 141 |

COLUMBIA RIVER SYSTEM
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | | |
|---|--------------|-----------|-----------|--------------------|---------------------|------------------|--------------|
| | | Coastwise | | Internal | | | |
| | | Receipts | Shipments | Inbound Downbnd | Outbound Upbound | Intra Upbound | Downbnd |
| 5190 paper products nec | 86 | ----- | 39 | ----- | ----- | 47 | ----- |
| Subtotal primary iron and steel products | 11 | ----- | 11 | ----- | ----- | 0 | 0 |
| 5330 i&s plates & sheets | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 5360 i&s bars & shapes | 9 | ----- | 9 | ----- | ----- | 0 | 0 |
| 5370 i&s pipe & tube | 2 | ----- | 2 | ----- | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 3 | ----- | 1 | ----- | ----- | 2 | ----- |
| 5480 fab. metal products | 3 | ----- | 1 | ----- | ----- | 2 | ----- |
| Subtotal primary wood products | 13 | ----- | 9 | ----- | ----- | 4 | ----- |
| 5540 primary wood prod. | 13 | ----- | 9 | ----- | ----- | 4 | ----- |
| Total food and farm products | 6,004 | ----- | 14 | ----- | 83 | 3,567 | 2,341 |
| Subtotal fish | 135 | ----- | ----- | ----- | 83 | 52 | ----- |
| 6134 fish (not shellfish) | 118 | ----- | ----- | ----- | 71 | 48 | ----- |
| 6136 shellfish | 17 | ----- | ----- | ----- | 12 | 5 | ----- |
| Subtotal grain | 5,771 | ----- | 14 | ----- | ----- | 3,416 | 2,341 |
| 6241 wheat | 5,611 | ----- | 14 | ----- | ----- | 3,323 | 2,274 |
| 6344 corn | 5 | ----- | ----- | ----- | ----- | 5 | ----- |
| 6443 barley & rye | 155 | ----- | ----- | ----- | ----- | 88 | 68 |
| Subtotal oilseeds | 0 | ----- | ----- | ----- | ----- | 0 | ----- |
| 6522 soybeans | 0 | ----- | ----- | ----- | ----- | 0 | ----- |
| Subtotal vegetable products | 38 | ----- | ----- | ----- | ----- | 38 | ----- |
| 6654 vegetables & prod. | 38 | ----- | ----- | ----- | ----- | 38 | ----- |
| Subtotal processed grain and animal feed | 39 | ----- | ----- | ----- | ----- | 39 | ----- |
| 6747 grain mill products | 3 | ----- | ----- | ----- | ----- | 3 | ----- |
| 6781 hay & fodder | 37 | ----- | ----- | ----- | ----- | 37 | ----- |
| 6782 animal feed, prep. | 0 | ----- | ----- | ----- | ----- | 0 | ----- |
| Subtotal other agricultural products | 20 | ----- | ----- | ----- | ----- | 20 | 0 |
| 6839 animals & prod. nec | 18 | ----- | ----- | ----- | ----- | 18 | ----- |
| 6857 fruit & nuts nec | 1 | ----- | ----- | ----- | ----- | 1 | ----- |
| 6858 fruit juices | 1 | ----- | ----- | ----- | ----- | 1 | ----- |
| 6899 farm products nec | 1 | ----- | ----- | ----- | ----- | 1 | 0 |
| Total all manufactured equipment, machinery and products | 59 | ----- | 0 | ----- | ----- | 20 | 38 |
| 7110 machinery (not elec) | 1 | ----- | 0 | ----- | ----- | 1 | ----- |
| 7210 vehicles & parts | 2 | ----- | ----- | ----- | ----- | 1 | 1 |
| 7230 ships & boats | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 7400 manufac. wood prod. | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | ----- | ----- | ----- | ----- | 0 | ----- |
| 7800 empty containers | 55 | ----- | ----- | ----- | ----- | 18 | 38 |
| 7900 manufac. prod. nec | 0 | ----- | 0 | ----- | ----- | 0 | ----- |

COLUMBIA RIVER SYSTEM
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | | |
|---------------------------------------|------------------|---------------|---------------|--------------------|---------------------|------------------|----------------|
| | | Coastwise | | Internal | | | |
| | | Receipts | Shipments | Inbound Downbnd | Outbound Upbound | Intra Upbound | Downbnd |
| Total waste and scrap nec | 191 | ----- | ----- | ----- | ----- | 190 | 1 |
| 8900 waste and scrap nec | 191 | ----- | ----- | ----- | ----- | 190 | 1 |
| Ton-miles (x1000) Domestic | 834,561 | 51,523 | 21,324 | 16 | 83 | 385,829 | 375,787 |
| Tons All Traffic (x1000) | 52,607 | | | | | | |
| Ton-miles All Traffic (x1000) | 2,159,064 | | | | | | |

Other Harbors and Waterways

| Harbor or Waterway | Commodity | Tons Thousand |
|----------------------------------|-------------------------------|------------------|
| Project | | |
| ALSEA BAY AND RIVER, OR | No Commerce Reported | |
| CHETCO RIVER, OR | 6134 fish (not shellfish) | 2 |
| | 6136 shellfish | 3 |
| | Total Tons(x1000) | 5 |
| | Total Ton-miles(x1000) | 5 |
| CHINOOK CHANNEL, WA | 6134 fish (not shellfish) | 1 |
| | 6136 shellfish | 1 |
| | Total Tons(x1000) | 1 |
| | Total Ton-miles(x1000) | 1 |
| CLATSKANIE RIVER, OR | No Commerce Reported | |
| COLUMBIA RIVER AT BAKERS BAY, WA | 6134 fish (not shellfish) | 9 |
| | 6136 shellfish | 1 |
| | Total Tons(x1000) | 10 |
| | Total Ton-miles(x1000) | 10 |
| COLUMBIA SLOUGH, OR | No Commerce Reported | |
| COOS AND MILLICOMA RIVERS, OR | No Commerce Reported | |
| COQUILLE RIVER, OR | 6134 fish (not shellfish) | 0 |
| | Total Tons(x1000) | 0 |
| | Total Ton-miles(x1000) | 0 |
| COWLITZ RIVER, WA | 6134 fish (not shellfish) | 0 |
| | Total Tons(x1000) | 0 |
| | Total Ton-miles(x1000) | 0 |
| DEEP RIVER, WA | No Commerce Reported | |
| DEPOE BAY, OR | 6134 fish (not shellfish) | 0 |
| | 6136 shellfish | 0 |
| | Total Tons(x1000) | 0 |
| | Total Ton-miles(x1000) | 0 |
| ELOKOMIN SLOUGH, WA | No Commerce Reported | |
| GRAYS RIVER, WA | No Commerce Reported | |
| LAKE RIVER, WA | 3110 nitrogenous fert. | 0 |
| | 3190 fert. & mixes nec | 1 |
| | 6241 wheat | 1 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|----------------------------------|--|----------------------------------|
| Project | | |
| LAKE RIVER, WA - continued | 6443 barley & rye 6899 farm products nec 7210 vehicles & parts 7800 empty containers Total Tons(x1000) Total Ton-miles(x1000) | 1 0 2 1 <hr/> 5 5 |
| LEWIS RIVER, WA | No Commerce Reported | |
| PORT OF ST. HELENS, OR | No Commerce Reported | |
| PORT ORFORD, OR | 6134 fish (not shellfish) 6136 shellfish Total Tons(x1000) | 1 1 <hr/> 1 |
| ROGUE RIVER, OR | 6134 fish (not shellfish) 6136 shellfish 7900 manufac. prod. nec 9900 unknown or nec Total Tons(x1000) Total Ton-miles(x1000) | 0 0 0 0 <hr/> 0 1 |
| SIUSLAW RIVER, OR | 6134 fish (not shellfish) 6136 shellfish Total Tons(x1000) Total Ton-miles(x1000) | 0 0 <hr/> 0 2 |
| SKAMOKAWA (STEAMBOAT) SLOUGH, WA | 6134 fish (not shellfish) Total Tons(x1000) Total Ton-miles(x1000) | 0 <hr/> 0 0 |
| SKAMOKAWA CREEK, WA | No Commerce Reported | |
| SKIPANON CHANNEL, OR | 4161 wood chips Total Tons(x1000) Total Ton-miles(x1000) | 36 <hr/> 36 36 |
| SMITH RIVER, OR | No Commerce Reported | |
| TILLAMOOK BAY AND BAR, OR | 6134 fish (not shellfish) 6136 shellfish Total Tons(x1000) | 1 0 <hr/> 2 |
| UMPQUA RIVER, OR | 4161 wood chips 4331 sand & gravel | 5 223 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|---------------------------------|-------------------------------|------------------|
| Project | | |
| UMPQUA RIVER, OR - continued | 4782 clay & refrac. mat. | 4 |
| | 6134 fish (not shellfish) | 0 |
| | 6136 shellfish | 0 |
| | 7400 manufac. wood prod. | 0 |
| | Total Tons(x1000) | 232 |
| | Total Ton-miles(x1000) | 3,561 |
| WESTPORT SLOUGH, OR | No Commerce Reported | |
| YAQUINA BAY AND HARBOR, OR | 3286 plastics | 0 |
| | 4170 wood in the rough | 25 |
| | 4189 lumber | 22 |
| | 6134 fish (not shellfish) | 58 |
| | 6136 shellfish | 3 |
| | 7120 electrical machinery | 0 |
| | 7230 ships & boats | 0 |
| | Total Tons(x1000) | 108 |
| | Total Ton-miles(x1000) | 215 |
| YAQUINA RIVER, OR | No Commerce Reported | |
| YOUNGS BAY AND YOUNGS RIVER, OR | 6241 wheat | 17 |
| | Total Tons(x1000) | 17 |
| | Total Ton-miles(x1000) | 17 |

GRAYS HARBOR AND CHEHALIS RIVER, WA

Section Included: Grays Harbor bar channel and Chehalis River to Cosmopolis and extending to Simpson Avenue bridge on the Hoquiam River and the Schafer Bros. wharf at Montesano on the Chehalis River. Controlling Depth: Bar channel, 37.1 feet; 25.5 feet from deep water in Lower Harbor to Upper Cross-Over; 27.0 feet from Upper Cross-Over to Cow Point; 25.6 feet from Cow Point to Cosmopolis; turning basin just downstream of Cow Point, 29.0 feet; turning basin near Elliott Slough, 25.5 feet. 5.5 feet from Cosmopolis to Montesano; Bay City channel, 9.1 feet; Westhaven Channel, 13.9 feet north entrance, 13.0 feet south entrance. Project Depth: 30 feet extending through the bar channel to Cosmopolis; Bay 16 feet to Montesano; Bay City channel, 14 feet; Westhaven channel, 16 feet. All depths refer to mllw.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|--------|
| 1985 | 6,357 | 1990 | 12,825 |
| 1986 | 4,585 | 1991 | 4,488 |
| 1987 | 4,346 | 1992 | 6,953 |
| 1988 | 6,488 | 1993 | 4,383 |
| 1989 | 5,351 | 1994 | 1,654 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | |
|--|--------------|----------|--------------|----------|------------|-----------|------------|
| | | Imports | Exports | Imports | Total | Coastwise | |
| | | | | | | Receipts | Shipments |
| Total, all commodities | 1,654 | 1 | 1,487 | 1 | 165 | 5 | 160 |
| Total chemicals and related products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3285 perfumes & cleansers | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 3297 chemical additives | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 1,618 | 0 | 1,458 | ----- | 160 | 0 | 160 |
| Subtotal forest products, wood and chips | 1,607 | 0 | 1,447 | ----- | 160 | 0 | 160 |
| 4161 wood chips | 67 | ----- | ----- | ----- | 67 | 0 | 67 |
| 4170 wood in the rough | 1,379 | 0 | 1,379 | ----- | ----- | ----- | ----- |
| 4189 lumber | 161 | 0 | 68 | ----- | 93 | ----- | 93 |
| Subtotal pulp and waste paper | 2 | ----- | 2 | ----- | ----- | ----- | ----- |
| 4225 pulp & waste paper | 2 | ----- | 2 | ----- | ----- | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 9 | ----- | 9 | ----- | ----- | ----- | ----- |
| 4310 building stone | 9 | ----- | 9 | ----- | ----- | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 4680 non-ferrous scrap | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Total primary manufactured goods | 24 | 1 | 24 | ----- | ----- | ----- | ----- |
| Subtotal paper products | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 5190 paper products nec | 0 | 0 | ----- | ----- | ----- | ----- | ----- |

GRAYS HARBOR AND CHEHALIS RIVER, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | |
|---|----------------|----------|-----------|----------|----------|-----------|
| | | Imports | Exports | Imports | Total | Coastwise |
| | | | | | Receipts | Shipments |
| Subtotal lime, cement and glass | 0 | 0 | ----- | ----- | ----- | ----- |
| 5240 glass & glass prod. | 0 | 0 | ----- | ----- | ----- | ----- |
| 5290 misc. mineral prod. | 0 | 0 | ----- | ----- | ----- | ----- |
| Subtotal primary iron and steel products | 11 | 0 | 11 | ----- | ----- | ----- |
| 5320 i&s primary forms | 1 | ----- | 1 | ----- | ----- | ----- |
| 5330 i&s plates & sheets | 11 | ----- | 11 | ----- | ----- | ----- |
| 5370 i&s pipe & tube | 0 | 0 | 0 | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 9 | 0 | 9 | ----- | ----- | ----- |
| 5422 aluminum | 9 | ----- | 9 | ----- | ----- | ----- |
| 5480 fab. metal products | 0 | 0 | 0 | ----- | ----- | ----- |
| Subtotal primary wood products | 4 | 0 | 3 | ----- | ----- | ----- |
| 5540 primary wood prod. | 4 | 0 | 3 | ----- | ----- | ----- |
| Total food and farm products | 6 | 0 | 5 | 1 | ----- | ----- |
| Subtotal fish | 6 | ----- | 5 | 1 | ----- | ----- |
| 6134 fish (not shellfish) | 6 | ----- | 5 | 1 | ----- | ----- |
| Subtotal grain | 0 | ----- | 0 | ----- | ----- | ----- |
| 6344 corn | 0 | ----- | 0 | ----- | ----- | ----- |
| Subtotal vegetable products | 0 | 0 | 0 | ----- | ----- | ----- |
| 6654 vegetables & prod. | 0 | 0 | 0 | ----- | ----- | ----- |
| Subtotal other agricultural products | 0 | 0 | 0 | ----- | ----- | ----- |
| 6835 fish, prepared | 0 | ----- | 0 | ----- | ----- | ----- |
| 6858 fruit juices | 0 | 0 | ----- | ----- | ----- | ----- |
| 6889 food products nec | 0 | 0 | ----- | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 5 | 0 | 0 | 0 | 5 | 5 |
| 7110 machinery (not elec) | 0 | 0 | 0 | ----- | ----- | ----- |
| 7120 electrical machinery | 0 | 0 | ----- | 0 | ----- | ----- |
| 7220 aircraft & parts | 0 | 0 | ----- | ----- | ----- | ----- |
| 7230 ships & boats | 0 | ----- | 0 | ----- | ----- | ----- |
| 7400 manufac. wood prod. | 0 | 0 | 0 | ----- | ----- | ----- |
| 7500 textile products | 0 | 0 | ----- | ----- | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | 0 | ----- | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 5 | 0 | ----- | ----- | 5 | 5 |
| Total unknown or not elsewhere classified | 0 | 0 | ----- | ----- | ----- | ----- |
| 9900 unknown or nec | 0 | 0 | ----- | ----- | ----- | ----- |

PORT ANGELES HARBOR, WA

Section Included: Entire harbor from Rayonier, Inc. Wharf westward. Controlling Depth: Unlimited except for 25 feet near Rayonier, Inc. Wharf. All depths refer to mlw.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 2,927 | 1990 | 3,072 |
| 1986 | 3,310 | 1991 | 2,680 |
| 1987 | 2,873 | 1992 | 2,336 |
| 1988 | 3,089 | 1993 | 1,987 |
| 1989 | 2,837 | 1994 | 1,695 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|------------|----------|------------|------------|-----------|
| | | Imports | Exports | Imports | Exports |
| Total, all commodities | 778 | 3 | 621 | 126 | 29 |
| Total petroleum and petroleum products | 60 | ----- | 37 | 11 | 12 |
| Subtotal petroleum products | 60 | ----- | 37 | 11 | 12 |
| 2330 distillate fuel oil | 1 | ----- | ----- | 1 | ----- |
| 2340 residual fuel oil | 22 | ----- | ----- | 10 | 12 |
| 2640 liquid natural gas | 37 | ----- | 37 | ----- | ----- |
| Total chemicals and related products | 3 | 0 | ----- | 0 | 3 |
| Subtotal other chemicals and related products | 3 | 0 | ----- | 0 | 3 |
| 3240 nitrogen func. comp. | 0 | ----- | ----- | ----- | 0 |
| 3274 sodium hydroxide | 2 | ----- | ----- | ----- | 2 |
| 3276 metallic salts | 0 | ----- | ----- | ----- | 0 |
| 3286 plastics | 0 | ----- | ----- | 0 | ----- |
| 3293 explosives | 0 | 0 | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 703 | 0 | 578 | 112 | 13 |
| Subtotal forest products, wood and chips | 597 | 0 | 548 | 45 | 4 |
| 4150 fuel wood | 0 | ----- | ----- | 0 | ----- |
| 4161 wood chips | 152 | ----- | 146 | 2 | 4 |
| 4170 wood in the rough | 443 | ----- | 402 | 41 | 0 |
| 4189 lumber | 2 | ----- | 0 | 2 | ----- |
| 4190 forest products nec | 0 | 0 | ----- | ----- | ----- |
| Subtotal pulp and waste paper | 46 | ----- | 30 | 7 | 9 |
| 4225 pulp & waste paper | 46 | ----- | 30 | 7 | 9 |
| Subtotal soil, sand, gravel, rock and stone | 29 | ----- | ----- | 29 | ----- |
| 4331 sand & gravel | 29 | ----- | ----- | 29 | ----- |
| Subtotal iron ore and scrap | 0 | ----- | ----- | 0 | ----- |
| 4420 iron & steel scrap | 0 | ----- | ----- | 0 | ----- |
| Subtotal non-ferrous ores and scrap | 0 | ----- | ----- | 0 | ----- |
| 4680 non-ferrous scrap | 0 | ----- | ----- | 0 | ----- |
| Subtotal other non-metal. min. | 31 | ----- | ----- | 31 | ----- |
| 4900 non-metal. min. nec | 31 | ----- | ----- | 31 | ----- |

PORT ANGELES HARBOR, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|---|----------|----------|----------|----------|----------|
| | | Imports | Exports | Imports | Exports |
| Total primary manufactured goods | 3 | 0 | 0 | 1 | 1 |
| Subtotal paper products | 2 | 0 | 0 | 1 | 1 |
| 5110 newsprint | 1 | ----- | ----- | 1 | ----- |
| 5120 paper & paperboard | 1 | ----- | ----- | 0 | 1 |
| 5190 paper products nec | 0 | 0 | 0 | ----- | ----- |
| Subtotal lime, cement and glass | 0 | 0 | ----- | ----- | ----- |
| 5240 glass & glass prod. | 0 | 0 | ----- | ----- | ----- |
| 5290 misc. mineral prod. | 0 | 0 | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 0 | 0 | ----- | 0 | ----- |
| 5480 fab. metal products | 0 | 0 | ----- | 0 | ----- |
| Subtotal primary wood products | 0 | ----- | 0 | 0 | ----- |
| 5540 primary wood prod. | 0 | ----- | 0 | 0 | ----- |
| Total food and farm products | 7 | 1 | 6 | 0 | 0 |
| Subtotal fish | 4 | 0 | 4 | ----- | 0 |
| 6134 fish (not shellfish) | 4 | 0 | 4 | ----- | 0 |
| Subtotal grain | 0 | 0 | ----- | ----- | ----- |
| 6442 rice | 0 | 0 | ----- | ----- | ----- |
| Subtotal vegetable products | 0 | 0 | ----- | ----- | ----- |
| 6654 vegetables & prod. | 0 | 0 | ----- | ----- | ----- |
| Subtotal other agricultural products | 3 | 0 | 2 | 0 | ----- |
| 6835 fish, prepared | 2 | 0 | 2 | ----- | ----- |
| 6858 fruit juices | 0 | 0 | ----- | ----- | ----- |
| 6885 alcoholic beverages | 0 | ----- | ----- | 0 | ----- |
| 6889 food products nec | 0 | 0 | ----- | ----- | ----- |
| 6899 farm products nec | 0 | 0 | ----- | 0 | ----- |
| Total all manufactured equipment, machinery and products | 2 | 2 | ----- | 0 | ----- |
| 7110 machinery (not elec) | 0 | 0 | ----- | 0 | ----- |
| 7120 electrical machinery | 1 | 0 | ----- | 0 | ----- |
| 7210 vehicles & parts | 1 | 1 | ----- | ----- | ----- |
| 7230 ships & boats | 0 | ----- | ----- | 0 | ----- |
| 7500 textile products | 0 | 0 | ----- | 0 | ----- |
| 7600 rubber & plastic pr. | 0 | 0 | ----- | 0 | ----- |
| 7900 manufac. prod. nec | 0 | 0 | ----- | 0 | ----- |
| Total unknown or not elsewhere classified | 0 | ----- | 0 | 0 | 0 |
| 9900 unknown or nec | 0 | ----- | 0 | 0 | 0 |

PORT ANGELES HARBOR, WA
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Domestic | | | | |
|--|------------|-----------|-----------|------------|------------|------------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total, all commodities | 917 | 59 | 11 | 339 | 307 | 201 |
| Total petroleum and petroleum products | 501 | 46 | 11 | 240 | 5 | 199 |
| Subtotal petroleum products | 501 | 46 | 11 | 240 | 5 | 199 |
| 2330 distillate fuel oil | 16 | 4 | | 12 | 0 | 0 |
| 2340 residual fuel oil | 484 | 41 | 11 | 228 | 5 | 199 |
| 2350 lube oil & greases | 1 | | | 1 | 0 | 0 |
| Total chemicals and related products | 21 | | | 21 | | |
| Subtotal other chemicals and related products | 21 | | | 21 | | |
| 3274 sodium hydroxide | 14 | | | 14 | | |
| 3275 inorg. elem., oxides, & halogen salts | 7 | | | 7 | | |
| Total crude materials, inedible except fuels | 393 | 13 | 0 | 76 | 302 | 2 |
| Subtotal forest products, wood and chips | 301 | 13 | 0 | 76 | 210 | 2 |
| 4161 wood chips | 43 | 13 | 0 | 29 | | 2 |
| 4170 wood in the rough | 257 | | | 47 | 210 | |
| Subtotal pulp and waste paper | 92 | | | | 92 | 1 |
| 4225 pulp & waste paper | 92 | | | | 92 | 1 |
| Total food and farm products | 2 | | | 2 | | |
| Subtotal fish | 2 | | | 2 | | |
| 6134 fish (not shellfish) | 2 | | | 2 | | |
| 6136 shellfish | 0 | | | 0 | | |

PORT TOWNSEND HARBOR, WA

Section Included: Point Wilson on the north to Irondale on the south. Controlling Depth: Channel from deep water to boat basin, 10.7 feet; outer portion of entrance channel in boat basin, 12.9 feet; inner portion of entrance channel in boat basin, 12.2 feet. Project Depth: 10 and 12 feet mllw in the inner and outer sections of the mooring basin, respectively.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 499 | 1990 | 427 |
| 1986 | 535 | 1991 | 546 |
| 1987 | 513 | 1992 | 325 |
| 1988 | 464 | 1993 | 201 |
| 1989 | 536 | 1994 | 402 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | | Domestic | | |
|---|-------------|----------|-----------|----------|------------|-----------|-----------------|
| | | Exports | Imports | Exports | Total | Coastwise | Internal |
| | | | | | Receipts | Receipts | Shipments |
| Total, all commodities | 402 | 4 | 13 | 2 | 383 | 3 | 348 32 |
| Total petroleum and petroleum products | 57 | ----- | 3 | ----- | 54 | ----- | 54 ----- |
| Subtotal petroleum products | 57 | ----- | 3 | ----- | 54 | ----- | 54 ----- |
| 2330 distillate fuel oil | 0 | ----- | ----- | ----- | 0 | ----- | 0 |
| 2340 residual fuel oil | 53 | ----- | ----- | ----- | 53 | ----- | 53 |
| 2430 asphalt, tar & pitch | 3 | ----- | 3 | ----- | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 344 | 4 | 10 | 2 | 328 | 3 | 293 32 |
| Subtotal forest products, wood and chips | 315 | ----- | 10 | ----- | 305 | 3 | 293 9 |
| 4150 fuel wood | 19 | ----- | 0 | ----- | 19 | ----- | 19 |
| 4161 wood chips | 216 | ----- | 3 | ----- | 213 | 3 | 210 |
| 4170 wood in the rough | 80 | ----- | 6 | ----- | 74 | ----- | 65 9 |
| Subtotal pulp and waste paper | 29 | 4 | ----- | 2 | 23 | ----- | 23 |
| 4225 pulp & waste paper | 29 | 4 | ----- | 2 | 23 | ----- | 23 |
| Total food and farm products | 1 | ----- | ----- | ----- | 1 | ----- | 1 ----- |
| Subtotal fish | 1 | ----- | ----- | ----- | 1 | ----- | 1 ----- |
| 6134 fish (not shellfish) | 0 | ----- | ----- | ----- | 0 | ----- | 0 |
| 6136 shellfish | 1 | ----- | ----- | ----- | 1 | ----- | 1 |

PORT GAMBLE HARBOR, WA

Section Included: Entrance channel and Port Gamble Harbor. Controlling Depth: 25.1 feet at mllw. Project Depth: 28 feet at mllw.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 663 | 1990 | 1,550 |
| 1986 | 651 | 1991 | 267 |
| 1987 | 642 | 1992 | 453 |
| 1988 | 737 | 1993 | 273 |
| 1989 | 566 | 1994 | 251 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Domestic | | |
|--|----------------|-----------|------------|-----------|
| | | Coastwise | Internal | |
| | | Shipments | Receipts | Shipments |
| Total, all commodities | 251 | 45 | 177 | 28 |
| Total petroleum and petroleum products | 8 | ----- | 8 | ----- |
| Subtotal petroleum products | 8 | ----- | 8 | ----- |
| 2430 asphalt, tar & pitch | 8 | ----- | 8 | ----- |
| Total chemicals and related products | 2 | 2 | ----- | ----- |
| Subtotal other chemicals and related products | 2 | 2 | ----- | ----- |
| 3298 wood & resin chem. | 2 | 2 | ----- | ----- |
| Total crude materials, inedible except fuels | 240 | 43 | 169 | 28 |
| Subtotal forest products, wood and chips | 240 | 43 | 169 | 28 |
| 4170 wood in the rough | 198 | ----- | 169 | 28 |
| 4189 lumber | 43 | 43 | ----- | ----- |

HAMMERSLEY INLET, WA

Section Included: Inlet connecting Puget Sound with Shelton Harbor, a distance of about 7 miles. Controlling Depth: 8.8 feet. Project Depth: 13 feet. All depths refer to mllw.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 501 | 1990 | 325 |
| 1986 | 366 | 1991 | 343 |
| 1987 | 415 | 1992 | 312 |
| 1988 | 531 | 1993 | 384 |
| 1989 | 420 | 1994 | 500 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Internal | |
|---|----------------|--------------------|---------------------|
| | | Inbound Upbound | Outbound Downbnd |
| Total, all commodities | 500 | 55 | 445 |
| Total crude materials, inedible except fuels | 498 | 54 | 445 |
| Subtotal forest products, wood and chips | 498 | 54 | 445 |
| 4161 wood chips | 166 | | 166 |
| 4170 wood in the rough | 332 | 54 | 278 |
| Total food and farm products | 2 | 2 | ----- |
| Subtotal fish | 2 | 2 | ----- |
| 6134 fish (not shellfish) | 1 | 1 | ----- |
| 6136 shellfish | 1 | 1 | ----- |
| Ton-miles (x1000) | 4,999 | 551 | 4,448 |
| Tons All Traffic (x1000) | 500 | | |
| Ton-miles All Traffic (x1000) | 4,999 | | |

OLYMPIA HARBOR, WA

Section Included: That portion of Budd Inlet south and west of Priest Point and generally within the city limits of Olympia. Controlling Depth: 29.4 feet in outer channel, 29.4 feet in entrance channel and 27.7 feet in turning basin. Project Depth: 30 feet. All depths refer to mlw.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 606 | 1990 | 1,265 |
| 1986 | 1,199 | 1991 | 945 |
| 1987 | 911 | 1992 | 714 |
| 1988 | 1,676 | 1993 | 924 |
| 1989 | 1,196 | 1994 | 1,514 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | Domestic | | | | | |
|--|--------------|-----------|-----------|--------------|-----------|-----------|------------|------------|------------|
| | | Exports | Exports | Total | Coastwise | | Internal | | |
| | | | | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total, all commodities | 1,514 | 67 | 15 | 1,431 | 32 | 54 | 299 | 469 | 578 |
| Total petroleum and petroleum products | 26 | ----- | ----- | 26 | ----- | 25 | 1 | ----- | ----- |
| Subtotal petroleum products | 26 | ----- | ----- | 26 | ----- | 25 | 1 | ----- | ----- |
| 2340 residual fuel oil | 26 | ----- | ----- | 26 | ----- | 25 | 1 | ----- | ----- |
| Total chemicals and related products | 6 | 0 | ----- | 6 | ----- | 6 | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 6 | 0 | ----- | 6 | ----- | 6 | ----- | ----- | ----- |
| 3286 plastics | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 3298 wood & resin chem. | 6 | ----- | ----- | 6 | ----- | 6 | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 1,480 | 67 | 15 | 1,398 | 32 | 23 | 296 | 469 | 578 |
| Subtotal forest products, wood and chips | 1,465 | 67 | ----- | 1,398 | 32 | 23 | 296 | 469 | 578 |
| 4161 wood chips | 145 | ----- | ----- | 145 | ----- | ----- | ----- | 145 | ----- |
| 4170 wood in the rough | 1,297 | 67 | ----- | 1,230 | 32 | ----- | 296 | 324 | 578 |
| 4189 lumber | 23 | ----- | ----- | 23 | ----- | 23 | ----- | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 15 | ----- | 15 | ----- | ----- | ----- | ----- | ----- | ----- |
| 4331 sand & gravel | 15 | ----- | 15 | ----- | ----- | ----- | ----- | ----- | ----- |

OLYMPIA HARBOR, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | Domestic | | | | | |
|---|----------------|---------|----------|----------|-----------|-----------|----------|-----------|-----------|
| | | Exports | Exports | Total | Coastwise | | Internal | | |
| | | | | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total primary manufactured goods | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 5429 smelted prod. nec | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Total food and farm products | 1 | 0 | ----- | 1 | ----- | ----- | 1 | ----- | ----- |
| Subtotal fish | 1 | ----- | ----- | 1 | ----- | ----- | 1 | ----- | ----- |
| 6134 fish (not shellfish) | 1 | ----- | ----- | 1 | ----- | ----- | 1 | ----- | ----- |
| 6136 shellfish | 0 | ----- | ----- | 0 | ----- | ----- | 0 | ----- | ----- |
| Subtotal vegetable products | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 6653 vegetable oils | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 7110 machinery (not elec) | 0 | 0 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |

TACOMA HARBOR, WA

Section Included: All of Commencement Bay and tributary waterways east of a line extending from Brown Point to and including the wharves of the Tacoma Smelter. Controlling Depth: City Waterway, 28.9 to 16.2 feet; Hylebos Waterway, 23.4 feet; least depth in turning basin 27.1 feet; Blair (Port Industrial Waterway), 32.8 feet. Project Depth: City Waterway, 29 to 19 feet; Hylebos Waterway, 30 feet; Blair (Port Industrial Waterway), 30 to 35 feet. All depths refer to mllw.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|--------|------|--------|
| 1985 | 15,795 | 1990 | 21,433 |
| 1986 | 16,173 | 1991 | 19,544 |
| 1987 | 17,130 | 1992 | 20,116 |
| 1988 | 20,668 | 1993 | 18,652 |
| 1989 | 22,451 | 1994 | 17,616 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|---------------|--------------|--------------|------------|------------|
| | | Imports | Exports | Imports | Exports |
| Total, all commodities | 11,310 | 3,650 | 6,775 | 590 | 295 |
| Total coal | 9 | 0 | 2 | 6 | 1 |
| 1100 coal lignite | 9 | 0 | 2 | 6 | 1 |
| Total petroleum and petroleum products | 652 | 328 | 15 | 159 | 150 |
| Subtotal crude petroleum | 452 | 326 | ----- | 125 | ----- |
| 2100 crude petroleum | 452 | 326 | ----- | 125 | ----- |
| Subtotal petroleum products | 200 | 2 | 15 | 34 | 150 |
| 2211 gasoline | 7 | ----- | ----- | 7 | ----- |
| 2221 kerosene | 5 | 2 | ----- | ----- | 4 |
| 2330 distillate fuel oil | 131 | 0 | ----- | 10 | 120 |
| 2340 residual fuel oil | 45 | ----- | 4 | 17 | 24 |
| 2350 lube oil & greases | 2 | 0 | 1 | ----- | 1 |
| 2410 petro. jelly & waxes | 0 | 0 | 0 | ----- | ----- |
| 2429 naphtha & solvents | 0 | ----- | 0 | ----- | ----- |
| 2430 asphalt, tar & pitch | 10 | 0 | 10 | ----- | ----- |
| 2540 petroleum coke | 0 | ----- | 0 | ----- | ----- |
| 2640 liquid natural gas | 0 | 0 | 0 | ----- | ----- |
| Total chemicals and related products | 354 | 115 | 181 | 15 | 44 |
| Subtotal fertilizers | 3 | 0 | 3 | 0 | ----- |
| 3110 nitrogenous fert. | 0 | 0 | 0 | ----- | ----- |
| 3130 potassic fert. | 0 | ----- | 0 | 0 | ----- |
| 3190 fert. & mixes nec | 3 | 0 | 3 | ----- | ----- |
| Subtotal other chemicals and related products | 351 | 115 | 178 | 15 | 44 |
| 3211 acyclic hydrocarbons | 0 | ----- | 0 | ----- | 0 |
| 3212 benzene & toluene | 0 | ----- | 0 | ----- | ----- |
| 3219 other hydrocarbons | 2 | 0 | 1 | ----- | ----- |
| 3220 alcohols | 23 | 21 | 2 | 0 | 0 |
| 3230 carboxylic acids | 7 | 6 | 1 | ----- | ----- |
| 3240 nitrogen func. comp. | 12 | 7 | 5 | ----- | ----- |

TACOMA HARBOR, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|---|--------------|--------------|--------------|--------------|--------------|
| | | Imports | Exports | Imports | Exports |
| 3250 organo- inorgan. comp | 4 | 4 | 0 | 0 | ----- |
| 3260 organic comp. nec | 2 | 1 | 1 | 0 | ----- |
| 3272 sulphuric acid | 0 | 0 | 0 | ----- | ----- |
| 3274 sodium hydroxide | 21 | ----- | 0 | ----- | 21 |
| 3275 inorg. elem., oxides, & halogen salts | 18 | 7 | 7 | 0 | 4 |
| 3276 metallic salts | 34 | 3 | 14 | 0 | 17 |
| 3279 inorganic chem. nec | 1 | 1 | 0 | 0 | ----- |
| 3281 radioactive material | 0 | 0 | 0 | ----- | ----- |
| 3282 pigments & paints | 2 | 2 | 1 | ----- | ----- |
| 3283 coloring mat. nec | 1 | 1 | 0 | ----- | ----- |
| 3284 medicines | 7 | 2 | 4 | 1 | ----- |
| 3285 perfumes & cleansers | 12 | 1 | 11 | 0 | ----- |
| 3286 plastics | 148 | 46 | 88 | 13 | 1 |
| 3291 pesticides | 0 | 0 | 0 | ----- | ----- |
| 3292 starches, gluten, glue | 5 | 3 | 2 | ----- | ----- |
| 3293 explosives | 3 | 3 | ----- | ----- | ----- |
| 3297 chemical additives | 2 | 0 | 2 | ----- | ----- |
| 3298 wood & resin chem. | 35 | 0 | 35 | ----- | ----- |
| 3299 chem. products nec | 10 | 6 | 3 | 0 | 0 |
| Total crude materials, inedible except fuels | 4,849 | 1,183 | 3,220 | 347 | 99 |
| Subtotal forest products, wood and chips | 2,699 | 16 | 2,606 | 46 | 30 |
| 4110 rubber & gums | 4 | 4 | 0 | ----- | ----- |
| 4150 fuel wood | 10 | 2 | 0 | 8 | ----- |
| 4161 wood chips | 668 | 0 | 636 | 2 | 30 |
| 4170 wood in the rough | 1,689 | 0 | 1,681 | 8 | ----- |
| 4189 lumber | 325 | 9 | 288 | 28 | 0 |
| 4190 forest products nec | 2 | 1 | 1 | ----- | ----- |
| Subtotal pulp and waste paper | 237 | 0 | 221 | 16 | ----- |
| 4225 pulp & waste paper | 237 | 0 | 221 | 16 | ----- |
| Subtotal soil, sand, gravel, rock and stone | 741 | 503 | 4 | 175 | 59 |
| 4310 building stone | 2 | 0 | 0 | 2 | 0 |
| 4322 limestone | 174 | ----- | 0 | 173 | ----- |
| 4323 gypsum | 546 | 502 | 0 | ----- | 44 |
| 4327 phosphate rock | 3 | ----- | 3 | ----- | ----- |
| 4331 sand & gravel | 16 | 0 | 0 | ----- | 15 |
| Subtotal iron ore and scrap | 449 | 8 | 341 | 101 | ----- |
| 4420 iron & steel scrap | 449 | 8 | 341 | 101 | ----- |
| Subtotal marine shells | 0 | 0 | 0 | ----- | ----- |
| 4515 marine shells | 0 | 0 | 0 | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 457 | 449 | 7 | 1 | ----- |
| 4630 copper ore | 0 | ----- | 0 | ----- | ----- |
| 4650 aluminum ore | 449 | 449 | 0 | ----- | ----- |
| 4680 non-ferrous scrap | 6 | 0 | 5 | 0 | ----- |
| 4690 non-ferrous ores nec | 2 | 0 | 1 | 1 | ----- |
| Subtotal sulphur, clay and salt | 27 | 0 | 27 | ----- | ----- |
| 4741 sulphur, (dry) | 0 | ----- | 0 | ----- | ----- |
| 4782 clay & refrac. mat. | 27 | 0 | 26 | ----- | ----- |
| Subtotal slag | 0 | 0 | ----- | ----- | ----- |
| 4860 slag | 0 | 0 | ----- | ----- | ----- |

TACOMA HARBOR, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|--------------|------------|--------------|--------------|--------------|
| | | Imports | Exports | Imports | Exports |
| Subtotal other non-metal. min. | 239 | 206 | 14 | 9 | 10 |
| 4900 non-metal. min. nec | 239 | 206 | 14 | 9 | 10 |
| Total primary manufactured goods | 712 | 278 | 396 | 36 | 1 |
| Subtotal paper products | 259 | 10 | 233 | 16 | 0 |
| 5110 newsprint | 23 | 1 | 15 | 8 | ----- |
| 5120 paper & paperboard | 224 | 4 | 213 | 6 | 0 |
| 5190 paper products nec | 12 | 6 | 5 | 2 | 0 |
| Subtotal lime, cement and glass | 81 | 59 | 21 | 0 | 0 |
| 5220 cement & concrete | 0 | 0 | 0 | ----- | ----- |
| 5240 glass & glass prod. | 19 | 15 | 5 | ----- | ----- |
| 5290 misc. mineral prod. | 61 | 44 | 16 | 0 | 0 |
| Subtotal primary iron and steel products | 52 | 31 | 21 | 0 | 0 |
| 5312 pig iron | 1 | 0 | 1 | ----- | ----- |
| 5315 ferro alloys | 2 | 1 | 1 | ----- | ----- |
| 5320 i&s primary forms | 0 | 0 | 0 | ----- | ----- |
| 5330 i&s plates & sheets | 25 | 8 | 16 | ----- | ----- |
| 5360 i&s bars & shapes | 7 | 6 | 1 | ----- | ----- |
| 5370 i&s pipe & tube | 7 | 5 | 2 | 0 | 0 |
| 5390 primary i&s nec | 11 | 11 | 0 | ----- | ----- |
| Subtotal primary non-ferrous metal products | 281 | 175 | 101 | 5 | 0 |
| 5421 copper | 57 | 11 | 46 | ----- | ----- |
| 5422 aluminum | 25 | 2 | 23 | ----- | ----- |
| 5429 smelted prod. nec | 27 | 2 | 23 | 2 | ----- |
| 5480 fab. metal products | 172 | 160 | 9 | 2 | 0 |
| Subtotal primary wood products | 39 | 2 | 21 | 16 | 0 |
| 5540 primary wood prod. | 39 | 2 | 21 | 16 | 0 |
| Total food and farm products | 2,918 | 104 | 2,809 | 6 | 0 |
| Subtotal fish | 29 | 10 | 18 | 1 | ----- |
| 6134 fish (not shellfish) | 24 | 8 | 16 | 1 | ----- |
| 6136 shellfish | 5 | 2 | 3 | ----- | ----- |
| Subtotal grain | 1,304 | 3 | 1,301 | ----- | ----- |
| 6241 wheat | 78 | ----- | 78 | ----- | ----- |
| 6344 corn | 1,161 | 1 | 1,160 | ----- | ----- |
| 6442 rice | 2 | 2 | 0 | ----- | ----- |
| 6443 barley & rye | 0 | ----- | 0 | ----- | ----- |
| 6447 sorghum grains | 63 | ----- | 63 | ----- | ----- |
| Subtotal oilseeds | 606 | 0 | 606 | 0 | ----- |
| 6522 soybeans | 594 | 0 | 594 | ----- | ----- |
| 6590 oilseeds nec | 12 | 0 | 12 | 0 | ----- |
| Subtotal vegetable products | 159 | 22 | 136 | 1 | ----- |
| 6653 vegetable oils | 4 | 0 | 4 | ----- | ----- |
| 6654 vegetables & prod. | 155 | 22 | 132 | 1 | ----- |
| Subtotal processed grain and animal feed | 297 | 1 | 293 | 2 | 0 |
| 6746 wheat flour | 2 | ----- | 2 | ----- | ----- |
| 6747 grain mill products | 15 | 1 | 14 | 0 | 0 |
| 6781 hay & fodder | 201 | 0 | 199 | 1 | ----- |
| 6782 animal feed, prep. | 79 | 1 | 78 | 0 | ----- |

TACOMA HARBOR, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|---|--------------|--------------|------------|-----------|--------------|
| | | Imports | Exports | Imports | Exports |
| Subtotal other agricultural products | 524 | 67 | 454 | 2 | 0 |
| 6811 meat, fresh, frozen | 125 | 4 | 121 | 0 | ----- |
| 6817 meat, prepared | 3 | 0 | 3 | ----- | ----- |
| 6822 dairy products | 16 | 0 | 15 | 0 | ----- |
| 6835 fish, prepared | 5 | 3 | 1 | ----- | 0 |
| 6838 tallow, animal oils | 75 | 0 | 75 | 0 | ----- |
| 6839 animals & prod. nec | 15 | 2 | 12 | 1 | ----- |
| 6856 bananas & plantains | 0 | 0 | ----- | ----- | ----- |
| 6857 fruit & nuts nec | 96 | 3 | 92 | 0 | ----- |
| 6858 fruit juices | 54 | 34 | 20 | ----- | ----- |
| 6861 sugar | 0 | 0 | ----- | ----- | ----- |
| 6871 coffee | 4 | 4 | 0 | ----- | 0 |
| 6872 cocoa beans | 1 | 1 | 0 | ----- | ----- |
| 6885 alcoholic beverages | 34 | 3 | 31 | 0 | ----- |
| 6888 water & ice | 1 | 0 | 1 | ----- | ----- |
| 6889 food products nec | 45 | 9 | 34 | 1 | ----- |
| 6891 tobacco & products | 22 | 1 | 21 | ----- | ----- |
| 6893 cotton | 19 | 0 | 19 | 0 | ----- |
| 6894 natural fibers nec | 0 | 0 | ----- | 0 | ----- |
| 6899 farm products nec | 8 | 1 | 7 | 0 | ----- |
| Total all manufactured equipment, machinery and products | 1,748 | 1,594 | 143 | 11 | 0 |
| 7110 machinery (not elec) | 338 | 288 | 49 | 1 | 0 |
| 7120 electrical machinery | 246 | 227 | 18 | 1 | 0 |
| 7210 vehicles & parts | 419 | 396 | 22 | 0 | 0 |
| 7220 aircraft & parts | 4 | 3 | 0 | ----- | ----- |
| 7230 ships & boats | 7 | 1 | 1 | 6 | 0 |
| 7300 ordnance & access. | 0 | 0 | 0 | ----- | ----- |
| 7400 manufac. wood prod. | 24 | 15 | 8 | 1 | 0 |
| 7500 textile products | 166 | 159 | 6 | 1 | 0 |
| 7600 rubber & plastic pr. | 149 | 131 | 18 | 1 | 0 |
| 7900 manufac. prod. nec | 395 | 373 | 21 | 1 | 0 |
| Total unknown or not elsewhere classified | 68 | 48 | 10 | 10 | ----- |
| 9900 unknown or nec | 68 | 48 | 10 | 10 | ----- |

| Commodity | Total | Domestic | | | | |
|-------------------------------|--------------|--------------|--------------|--------------|------------|------------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total, all commodities | 6,305 | 1,795 | 1,912 | 1,901 | 377 | 321 |
| Total coal | 0 | ----- | 0 | ----- | ----- | ----- |
| 1200 coal coke | 0 | ----- | 0 | ----- | ----- | ----- |

TACOMA HARBOR, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | |
|--|--------------|--------------|------------|--------------|------------|------------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total petroleum and petroleum products | 2,814 | 1,388 | 377 | 601 | 214 | 234 |
| Subtotal crude petroleum | 1,382 | 1,356 | ----- | 17 | ----- | 10 |
| 2100 crude petroleum | 1,382 | 1,356 | ----- | 17 | ----- | 10 |
| Subtotal petroleum products | 1,432 | 33 | 377 | 584 | 214 | 224 |
| 2211 gasoline | 53 | 9 | 10 | 12 | 3 | 19 |
| 2330 distillate fuel oil | 261 | ----- | 179 | 46 | 35 | 1 |
| 2340 residual fuel oil | 1,081 | 19 | 163 | 520 | 175 | 204 |
| 2350 lube oil & greases | 27 | ----- | 23 | 3 | 1 | 1 |
| 2430 asphalt, tar & pitch | 5 | 5 | ----- | ----- | ----- | ----- |
| 2540 petroleum coke | 0 | ----- | 0 | ----- | ----- | ----- |
| 2990 petro. products nec | 5 | ----- | 2 | 3 | ----- | ----- |
| Total chemicals and related products | 233 | 39 | 148 | 1 | 45 | ----- |
| Subtotal fertilizers | 1 | ----- | 1 | ----- | ----- | ----- |
| 3190 fert. & mixes nec | 1 | ----- | 1 | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 232 | 39 | 147 | 1 | 45 | ----- |
| 3219 other hydrocarbons | 0 | ----- | 0 | ----- | ----- | ----- |
| 3220 alcohols | 19 | ----- | 11 | 1 | 6 | ----- |
| 3274 sodium hydroxide | 172 | 31 | 119 | ----- | 22 | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 16 | ----- | 0 | ----- | 16 | ----- |
| 3282 pigments & paints | 0 | ----- | 0 | ----- | ----- | ----- |
| 3285 perfumes & cleansers | 0 | ----- | 0 | ----- | ----- | ----- |
| 3286 plastics | 0 | ----- | 0 | ----- | ----- | ----- |
| 3292 starches, gluten, glue | 0 | ----- | 0 | ----- | ----- | ----- |
| 3298 wood & resin chem. | 2 | ----- | 2 | ----- | ----- | ----- |
| 3299 chem. products nec | 22 | 8 | 14 | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 1,687 | 110 | 77 | 1,298 | 116 | 87 |
| Subtotal forest products, wood and chips | 1,166 | 101 | 75 | 834 | 115 | 40 |
| 4161 wood chips | 241 | 101 | 0 | 139 | 1 | 1 |
| 4170 wood in the rough | 894 | ----- | 46 | 696 | 114 | 39 |
| 4189 lumber | 30 | ----- | 30 | ----- | ----- | ----- |
| Subtotal pulp and waste paper | 0 | ----- | 0 | ----- | ----- | ----- |
| 4225 pulp & waste paper | 0 | ----- | 0 | ----- | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 512 | ----- | 1 | 463 | 1 | 46 |
| 4323 gypsum | 0 | ----- | 0 | ----- | ----- | ----- |
| 4331 sand & gravel | 485 | ----- | 1 | 463 | 1 | 20 |
| 4338 soil & fill dirt | 26 | ----- | ----- | ----- | ----- | 26 |
| Subtotal Iron ore and scrap | 9 | 9 | 0 | ----- | ----- | ----- |
| 4410 iron ore | 0 | ----- | 0 | ----- | ----- | ----- |
| 4420 iron & steel scrap | 9 | 9 | 0 | ----- | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 0 | ----- | 0 | ----- | ----- | ----- |
| 4680 non-ferrous scrap | 0 | ----- | 0 | ----- | ----- | ----- |
| Subtotal other non-metal. min. | 0 | ----- | 0 | ----- | ----- | ----- |
| 4900 non-metal. min. nec | 0 | ----- | 0 | ----- | ----- | ----- |

TACOMA HARBOR, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | |
|--|------------|-----------|------------|----------|-----------|-----------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total primary manufactured goods | 93 | 3 | 88 | ----- | 2 | ----- |
| Subtotal paper products | 21 | ----- | 21 | ----- | ----- | ----- |
| 5110 newsprint | 0 | ----- | 0 | ----- | ----- | ----- |
| 5120 paper & paperboard | 1 | ----- | 1 | ----- | ----- | ----- |
| 5190 paper products nec | 20 | ----- | 20 | ----- | ----- | ----- |
| Subtotal lime, cement and glass | 18 | 0 | 16 | ----- | 2 | ----- |
| 5240 glass & glass prod. | 0 | ----- | 0 | ----- | ----- | ----- |
| 5290 misc. mineral prod. | 18 | 0 | 16 | ----- | 2 | ----- |
| Subtotal primary iron and steel products | 11 | 0 | 11 | ----- | ----- | ----- |
| 5312 pig iron | 0 | ----- | 0 | ----- | ----- | ----- |
| 5320 i&s primary forms | 0 | ----- | 0 | ----- | ----- | ----- |
| 5330 i&s plates & sheets | 4 | ----- | 4 | ----- | ----- | ----- |
| 5360 i&s bars & shapes | 6 | ----- | 6 | ----- | ----- | ----- |
| 5370 i&s pipe & tube | 1 | ----- | 1 | ----- | ----- | ----- |
| 5390 primary i&s nec | 0 | 0 | 0 | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 43 | 3 | 40 | ----- | 0 | ----- |
| 5421 copper | 0 | ----- | 0 | ----- | ----- | ----- |
| 5422 aluminum | 1 | ----- | 1 | ----- | ----- | ----- |
| 5429 smelted prod. nec | 0 | ----- | 0 | ----- | ----- | ----- |
| 5480 fab. metal products | 42 | 3 | 39 | ----- | 0 | ----- |
| Subtotal primary wood products | 0 | ----- | 0 | ----- | ----- | ----- |
| 5540 primary wood prod. | 0 | ----- | 0 | ----- | ----- | ----- |
| Total food and farm products | 989 | 90 | 898 | 1 | ----- | ----- |
| Subtotal fish | 80 | 76 | 2 | 1 | ----- | ----- |
| 6134 fish (not shellfish) | 74 | 71 | 2 | 1 | ----- | ----- |
| 6136 shellfish | 6 | 5 | ----- | 1 | ----- | ----- |
| Subtotal grain | 0 | ----- | 0 | ----- | ----- | ----- |
| 6442 rice | 0 | ----- | 0 | ----- | ----- | ----- |
| 6443 barley & rye | 0 | ----- | 0 | ----- | ----- | ----- |
| Subtotal oilseeds | 0 | ----- | 0 | ----- | ----- | ----- |
| 6590 oilseeds nec | 0 | ----- | 0 | ----- | ----- | ----- |
| Subtotal vegetable products | 5 | 0 | 5 | ----- | ----- | ----- |
| 6653 vegetable oils | 0 | ----- | 0 | ----- | ----- | ----- |
| 6654 vegetables & prod. | 5 | 0 | 5 | ----- | ----- | ----- |
| Subtotal processed grain and animal feed | 35 | ----- | 35 | ----- | ----- | ----- |
| 6746 wheat flour | 28 | ----- | 28 | ----- | ----- | ----- |
| 6747 grain mill products | 0 | ----- | 0 | ----- | ----- | ----- |
| 6781 hay & fodder | 2 | ----- | 2 | ----- | ----- | ----- |
| 6782 animal feed, prep. | 5 | ----- | 5 | ----- | ----- | ----- |
| Subtotal other agricultural products | 869 | 14 | 855 | ----- | ----- | ----- |
| 6811 meat, fresh, frozen | 3 | ----- | 3 | ----- | ----- | ----- |
| 6817 meat, prepared | 0 | ----- | 0 | ----- | ----- | ----- |
| 6822 dairy products | 0 | ----- | 0 | ----- | ----- | ----- |
| 6835 fish, prepared | 13 | 13 | ----- | ----- | ----- | ----- |
| 6838 tallow, animal oils | 0 | 0 | ----- | ----- | ----- | ----- |

TACOMA HARBOR, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | |
|---|------------|------------|------------|----------|-----------|-----------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| 6839 animals & prod. nec | 480 | 1 | 480 | ----- | ----- | ----- |
| 6856 bananas & plantains | 0 | ----- | 0 | ----- | ----- | ----- |
| 6857 fruit & nuts nec | 2 | ----- | 2 | ----- | ----- | ----- |
| 6858 fruit juices | 0 | ----- | 0 | ----- | ----- | ----- |
| 6861 sugar | 0 | ----- | 0 | ----- | ----- | ----- |
| 6871 coffee | 0 | ----- | 0 | ----- | ----- | ----- |
| 6885 alcoholic beverages | 2 | ----- | 2 | ----- | ----- | ----- |
| 6887 groceries | 347 | ----- | 347 | ----- | ----- | ----- |
| 6889 food products nec | 19 | ----- | 19 | ----- | ----- | ----- |
| 6893 cotton | 0 | ----- | 0 | ----- | ----- | ----- |
| 6899 farm products nec | 0 | ----- | 0 | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 468 | 160 | 309 | ----- | ----- | 0 |
| 7110 machinery (not elec) | 1 | ----- | 1 | ----- | ----- | 0 |
| 7120 electrical machinery | 0 | ----- | 0 | ----- | ----- | ----- |
| 7210 vehicles & parts | 49 | 14 | 34 | ----- | ----- | ----- |
| 7230 ships & boats | 0 | ----- | 0 | ----- | ----- | ----- |
| 7300 ordnance & access. | 1 | 1 | 0 | ----- | ----- | ----- |
| 7400 manufac. wood prod. | 17 | 0 | 17 | ----- | ----- | ----- |
| 7500 textile products | 0 | ----- | 0 | ----- | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | ----- | 0 | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 400 | 144 | 255 | ----- | ----- | ----- |
| Total waste and scrap nec | 0 | ----- | ----- | ----- | 0 | ----- |
| 8900 waste and scrap nec | 0 | ----- | ----- | ----- | 0 | ----- |
| Total unknown or not elsewhere classified | 21 | 4 | 17 | ----- | ----- | ----- |
| 9900 unknown or nec | 21 | 4 | 17 | ----- | ----- | ----- |

SEATTLE HARBOR, WA

Section Included: From Union Oil dock near Edmonds on the North Tofautleroy Ferry Slip on the south, including Elliott Bay, East, West, and Duwamish Waterway, Lake Washington Ship Canal, Salmon Bay, Lake Union, Lake Washington, and Kenmore Navigation Channel. Controlling Depth: Elliott Bay, unlimited; West Waterway, 28.0 feet; East Waterway, 31.2 feet; Duwamish Waterway, 18.2 feet from head of West Waterway to 1st Avenue So., 11.0 feet from 1st Avenue So. 14th Avenue So. 8.5 feet from 14th Avenue So. to head of waterway; Lake Washington Ship Canal, 29.2 feet below locks; above the locks 26.1 feet, Kenmore Navigation Channel; 13.6 feet. Project Depth: Elliott Bay, unlimited; East and West Waterways, 34 feet; Duwamish Waterway, 30 feet to First Avenue South; 20 feet to 8th Avenue South; and 15 feet from 8th Avenue South to head of waterway; Lake Washington Ship Canal, 34 feet below locks; 30 feet at lower pool level, Kenmore Navigation Channel; 15 feet. All depths refer to mllw except inside Lake Washington Ship Canal which reflects low lake level.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|--------|------|--------|
| 1985 | 16,230 | 1990 | 21,570 |
| 1986 | 17,098 | 1991 | 20,897 |
| 1987 | 18,553 | 1992 | 21,883 |
| 1988 | 18,646 | 1993 | 21,693 |
| 1989 | 21,763 | 1994 | 22,336 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|---|---------------|--------------|--------------|--------------|------------|
| | | Imports | Exports | Imports | Exports |
| Total, all commodities | 15,542 | 3,991 | 7,827 | 3,493 | 231 |
| Total coal | 2 | 0 | 2 | ----- | ----- |
| 1100 coal lignite | 2 | 0 | 2 | ----- | ----- |
| 1200 coal coke | 0 | ----- | 0 | ----- | ----- |
| Total petroleum and petroleum products | 327 | 93 | 10 | 125 | 100 |
| Subtotal crude petroleum | 51 | 42 | ----- | 9 | ----- |
| 2100 crude petroleum | 51 | 42 | ----- | 9 | ----- |
| Subtotal petroleum products | 276 | 51 | 10 | 116 | 100 |
| 2211 gasoline | 60 | ----- | 0 | 60 | ----- |
| 2221 kerosene | 98 | ----- | 0 | ----- | 98 |
| 2330 distillate fuel oil | 45 | 0 | 1 | 43 | 1 |
| 2340 residual fuel oil | 62 | 50 | 0 | 10 | 1 |
| 2350 lube oil & greases | 6 | 0 | 5 | 0 | ----- |
| 2410 petro. jelly & waxes | 2 | 0 | 2 | ----- | ----- |
| 2429 naphtha & solvents | 0 | 0 | 0 | ----- | ----- |
| 2430 asphalt, tar & pitch | 3 | 0 | 0 | 3 | ----- |
| 2540 petroleum coke | 0 | 0 | 0 | ----- | ----- |
| 2640 liquid natural gas | 0 | 0 | 0 | ----- | ----- |
| Total chemicals and related products | 567 | 197 | 361 | 5 | 3 |
| Subtotal fertilizers | 8 | 2 | 6 | ----- | ----- |
| 3110 nitrogenous fert. | 0 | 0 | 0 | ----- | ----- |
| 3120 phosphatic fert. | 0 | ----- | 0 | ----- | ----- |
| 3130 potassic fert. | 1 | 0 | 1 | ----- | ----- |
| 3190 fert. & mixes nec | 7 | 2 | 5 | ----- | ----- |

SEATTLE HARBOR, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|--------------|------------|--------------|--------------|--------------|
| | | Imports | Exports | Imports | Exports |
| Subtotal other chemicals and related products | 558 | 195 | 355 | 5 | 3 |
| 3211 acyclic hydrocarbons | 0 | 0 | 0 | ----- | ----- |
| 3212 benzene & toluene | 0 | 0 | 0 | ----- | ----- |
| 3219 other hydrocarbons | 5 | 3 | 2 | ----- | ----- |
| 3220 alcohols | 47 | 40 | 8 | ----- | 0 |
| 3230 carboxylic acids | 29 | 9 | 20 | 0 | ----- |
| 3240 nitrogen func. comp. | 39 | 13 | 26 | ----- | 0 |
| 3250 organo- inorgan. comp | 11 | 7 | 4 | ----- | ----- |
| 3260 organic comp. nec | 5 | 3 | 2 | ----- | ----- |
| 3271 sulphur (liquid) | 0 | 0 | 0 | ----- | ----- |
| 3272 sulphuric acid | 0 | ----- | 0 | ----- | ----- |
| 3273 ammonia | 2 | 2 | 0 | ----- | ----- |
| 3274 sodium hydroxide | 1 | 0 | 0 | 1 | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 32 | 7 | 25 | 0 | ----- |
| 3276 metallic salts | 34 | 9 | 23 | ----- | 3 |
| 3279 inorganic chem. nec | 8 | 1 | 4 | 3 | ----- |
| 3281 radioactive material | 1 | 0 | 0 | ----- | ----- |
| 3282 pigments & paints | 11 | 5 | 6 | ----- | ----- |
| 3283 coloring mat. nec | 6 | 5 | 1 | ----- | ----- |
| 3284 medicines | 8 | 4 | 3 | ----- | 0 |
| 3285 perfumes & cleansers | 28 | 5 | 23 | ----- | ----- |
| 3286 plastics | 203 | 69 | 134 | 0 | 0 |
| 3291 pesticides | 2 | 1 | 1 | ----- | ----- |
| 3292 starches, gluten, glue | 23 | 3 | 20 | ----- | ----- |
| 3293 explosives | 2 | 2 | 0 | ----- | ----- |
| 3297 chemical additives | 10 | 2 | 8 | ----- | ----- |
| 3298 wood & resin chem. | 34 | 0 | 33 | ----- | ----- |
| 3299 chem. products nec | 17 | 6 | 12 | 0 | 0 |
| Total crude materials, inedible except fuels | 4,444 | 290 | 1,406 | 2,649 | 99 |
| Subtotal forest products, wood and chips | 1,026 | 176 | 641 | 205 | 4 |
| 4110 rubber & gums | 123 | 121 | 2 | ----- | ----- |
| 4150 fuel wood | 4 | 0 | 4 | ----- | ----- |
| 4161 wood chips | 10 | 0 | 6 | ----- | 4 |
| 4170 wood in the rough | 202 | 2 | 154 | 46 | ----- |
| 4189 lumber | 680 | 47 | 474 | 159 | 0 |
| 4190 forest products nec | 7 | 5 | 2 | 0 | 0 |
| Subtotal pulp and waste paper | 549 | 2 | 483 | 65 | 0 |
| 4225 pulp & waste paper | 549 | 2 | 483 | 65 | 0 |
| Subtotal soil, sand, gravel, rock and stone | 2,406 | 37 | 18 | 2,256 | 95 |
| 4310 building stone | 2 | 0 | 0 | 2 | ----- |
| 4322 limestone | 1,721 | ----- | 0 | 1,721 | ----- |
| 4323 gypsum | 98 | 37 | 7 | 35 | 20 |
| 4327 phosphate rock | 0 | ----- | 0 | ----- | ----- |
| 4331 sand & gravel | 584 | 0 | 11 | 498 | 75 |
| Subtotal iron ore and scrap | 145 | 0 | 22 | 123 | ----- |
| 4410 iron ore | 0 | 0 | 0 | ----- | ----- |
| 4420 iron & steel scrap | 145 | 0 | 22 | 123 | ----- |
| Subtotal marine shells | 2 | 0 | 2 | ----- | ----- |
| 4515 marine shells | 2 | 0 | 2 | ----- | ----- |

SEATTLE HARBOR, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|--------------|------------|--------------|------------|----------|
| | | Imports | Exports | Imports | Exports |
| Subtotal non-ferrous ores and scrap | 135 | 72 | 62 | 0 | 0 |
| 4650 aluminum ore | 70 | 70 | 0 | ----- | ----- |
| 4670 manganese ore | 0 | 0 | ----- | ----- | ----- |
| 4680 non-ferrous scrap | 54 | 1 | 53 | ----- | ----- |
| 4690 non-ferrous ores nec | 11 | 2 | 9 | 0 | 0 |
| Subtotal sulphur, clay and salt | 76 | 2 | 74 | ----- | ----- |
| 4741 sulphur, (dry) | 0 | 0 | 0 | ----- | ----- |
| 4782 clay & refrac. mat. | 76 | 2 | 74 | ----- | ----- |
| Subtotal slag | 2 | ----- | 2 | ----- | ----- |
| 4860 slag | 2 | ----- | 2 | ----- | ----- |
| Subtotal other non-metal. min. | 103 | 0 | 103 | 0 | ----- |
| 4900 non-metal. min. nec | 103 | 0 | 103 | 0 | ----- |
| Total primary manufactured goods | 2,514 | 748 | 1,053 | 709 | 4 |
| Subtotal paper products | 1,108 | 32 | 700 | 376 | 0 |
| 5110 newsprint | 539 | 0 | 241 | 298 | ----- |
| 5120 paper & paperboard | 539 | 15 | 446 | 78 | ----- |
| 5190 paper products nec | 30 | 16 | 13 | ----- | 0 |
| Subtotal lime, cement and glass | 693 | 273 | 106 | 311 | 4 |
| 5210 lime | 0 | 0 | ----- | ----- | ----- |
| 5220 cement & concrete | 468 | 154 | 1 | 309 | 4 |
| 5240 glass & glass prod. | 56 | 36 | 21 | 0 | 0 |
| 5290 misc. mineral prod. | 169 | 83 | 84 | 2 | 0 |
| Subtotal primary iron and steel products | 149 | 123 | 26 | 0 | 0 |
| 5312 pig iron | 2 | 0 | 2 | ----- | ----- |
| 5315 ferro alloys | 2 | 0 | 2 | ----- | ----- |
| 5320 i&s primary forms | 1 | 0 | 1 | ----- | ----- |
| 5330 i&s plates & sheets | 51 | 36 | 15 | ----- | ----- |
| 5360 i&s bars & shapes | 23 | 20 | 3 | 0 | ----- |
| 5370 i&s pipe & tube | 54 | 51 | 3 | ----- | 0 |
| 5390 primary i&s nec | 16 | 15 | 1 | 0 | ----- |
| Subtotal primary non-ferrous metal products | 436 | 309 | 126 | 0 | 0 |
| 5421 copper | 14 | 6 | 8 | ----- | ----- |
| 5422 aluminum | 70 | 6 | 64 | 0 | 0 |
| 5429 smelted prod. nec | 22 | 3 | 19 | ----- | 0 |
| 5480 fab. metal products | 329 | 294 | 35 | 0 | 0 |
| Subtotal primary wood products | 129 | 12 | 95 | 21 | ----- |
| 5540 primary wood prod. | 129 | 12 | 95 | 21 | ----- |
| Total food and farm products | 4,822 | 239 | 4,579 | 2 | 2 |
| Subtotal fish | 105 | 25 | 79 | 1 | 0 |
| 6134 fish (not shellfish) | 94 | 19 | 73 | 1 | 0 |
| 6136 shellfish | 11 | 5 | 6 | ----- | 0 |
| Subtotal grain | 1,745 | 11 | 1,734 | ----- | ----- |
| 6241 wheat | 585 | ----- | 585 | ----- | ----- |
| 6344 corn | 1,116 | 1 | 1,116 | ----- | ----- |
| 6442 rice | 10 | 10 | 0 | ----- | ----- |
| 6443 barley & rye | 1 | 0 | 1 | ----- | ----- |
| 6445 oats | 0 | 0 | 0 | ----- | ----- |
| 6447 sorghum grains | 32 | ----- | 32 | ----- | ----- |

SEATTLE HARBOR, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|---|--------------|--------------|--------------|----------|-----------|
| | | Imports | Exports | Imports | Exports |
| Subtotal oilseeds | 275 | 1 | 274 | ----- | 0 |
| 6522 soybeans | 249 | 0 | 249 | ----- | ----- |
| 6534 flaxseed | 0 | ----- | 0 | ----- | ----- |
| 6590 oilseeds nec | 26 | 1 | 25 | ----- | 0 |
| Subtotal vegetable products | 392 | 20 | 372 | 0 | 0 |
| 6653 vegetable oils | 3 | 0 | 2 | 0 | ----- |
| 6654 vegetables & prod. | 389 | 20 | 369 | 0 | 0 |
| Subtotal processed grain and animal feed | 851 | 5 | 845 | 0 | 1 |
| 6746 wheat flour | 1 | 0 | 1 | ----- | ----- |
| 6747 grain mill products | 16 | 3 | 13 | 0 | 0 |
| 6781 hay & fodder | 631 | 0 | 631 | 0 | ----- |
| 6782 animal feed, prep. | 204 | 2 | 200 | 0 | 1 |
| Subtotal other agricultural products | 1,453 | 176 | 1,275 | 1 | 1 |
| 6811 meat, fresh, frozen | 260 | 36 | 225 | 0 | ----- |
| 6817 meat, prepared | 4 | 1 | 4 | ----- | ----- |
| 6822 dairy products | 20 | 1 | 19 | ----- | ----- |
| 6835 fish, prepared | 22 | 7 | 16 | ----- | ----- |
| 6838 tallow, animal oils | 1 | 0 | 1 | ----- | ----- |
| 6839 animals & prod. nec | 290 | 7 | 283 | ----- | 0 |
| 6856 bananas & plantains | 0 | 0 | ----- | ----- | ----- |
| 6857 fruit & nuts nec | 375 | 19 | 356 | 0 | 0 |
| 6858 fruit juices | 86 | 42 | 43 | 0 | 0 |
| 6861 sugar | 0 | 0 | 0 | ----- | ----- |
| 6865 molasses | 22 | 22 | 0 | ----- | ----- |
| 6871 coffee | 13 | 12 | 1 | ----- | 0 |
| 6872 cocoa beans | 3 | 3 | 0 | ----- | ----- |
| 6885 alcoholic beverages | 102 | 9 | 93 | 0 | 0 |
| 6888 water & ice | 2 | 0 | 2 | ----- | 0 |
| 6889 food products nec | 122 | 16 | 106 | 0 | 0 |
| 6891 tobacco & products | 40 | 1 | 38 | 0 | ----- |
| 6893 cotton | 62 | 0 | 62 | ----- | ----- |
| 6894 natural fibers nec | 0 | 0 | ----- | ----- | ----- |
| 6899 farm products nec | 29 | 2 | 27 | 0 | ----- |
| Total all manufactured equipment, machinery and products | 2,804 | 2,398 | 400 | 2 | 4 |
| 7110 machinery (not elec) | 535 | 457 | 74 | 1 | 3 |
| 7120 electrical machinery | 427 | 371 | 55 | 0 | 0 |
| 7210 vehicles & parts | 497 | 415 | 83 | 0 | ----- |
| 7220 aircraft & parts | 7 | 6 | 1 | ----- | ----- |
| 7230 ships & boats | 2 | 1 | 1 | 0 | 0 |
| 7300 ordnance & access. | 2 | 1 | 1 | ----- | ----- |
| 7400 manufac. wood prod. | 51 | 28 | 23 | 0 | ----- |
| 7500 textile products | 323 | 298 | 25 | 0 | 0 |
| 7600 rubber & plastic pr. | 235 | 180 | 54 | 0 | 0 |
| 7900 manufac. prod. nec | 725 | 642 | 83 | 1 | 0 |
| Total unknown or not elsewhere classified | 61 | 26 | 16 | 1 | 18 |
| 9900 unknown or nec | 61 | 26 | 16 | 1 | 18 |

SEATTLE HARBOR, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | |
|--|--------------|------------|--------------|--------------|------------|------------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total, all commodities | 6,794 | 704 | 1,592 | 2,987 | 709 | 801 |
| Total coal | 1 | 0 | 1 | ----- | ----- | ----- |
| 1100 coal lignite | 1 | 0 | 1 | ----- | ----- | ----- |
| Total petroleum and petroleum products | 3,311 | 267 | 119 | 1,678 | 589 | 657 |
| Subtotal crude petroleum | 35 | 27 | ----- | 8 | ----- | ----- |
| 2100 crude petroleum | 35 | 27 | ----- | 8 | ----- | ----- |
| Subtotal petroleum products | 3,276 | 240 | 119 | 1,670 | 589 | 657 |
| 2211 gasoline | 550 | 113 | 24 | 379 | 23 | 12 |
| 2221 kerosene | 0 | ----- | 0 | ----- | ----- | ----- |
| 2330 distillate fuel oil | 505 | 116 | 46 | 194 | 55 | 94 |
| 2340 residual fuel oil | 2,115 | 11 | 33 | 1,043 | 482 | 545 |
| 2350 lube oil & greases | 54 | 0 | 3 | 27 | 24 | 0 |
| 2429 naphtha & solvents | 2 | ----- | 0 | ----- | 2 | ----- |
| 2430 asphalt, tar & pitch | 28 | ----- | 0 | 27 | ----- | ----- |
| 2540 petroleum coke | 1 | ----- | 1 | ----- | ----- | ----- |
| 2640 liquid natural gas | 9 | 0 | 9 | ----- | ----- | ----- |
| 2990 petro. products nec | 12 | 0 | 4 | ----- | 3 | 5 |
| Total chemicals and related products | 129 | 29 | 88 | 6 | 1 | 5 |
| Subtotal fertilizers | 33 | 0 | 33 | ----- | ----- | ----- |
| 3110 nitrogenous fert. | 0 | ----- | 0 | ----- | ----- | ----- |
| 3130 potassic fert. | 0 | ----- | 0 | ----- | ----- | ----- |
| 3190 fert. & mixes nec | 32 | 0 | 32 | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 96 | 29 | 56 | 6 | 1 | 5 |
| 3211 acyclic hydrocarbons | 0 | ----- | 0 | ----- | ----- | ----- |
| 3219 other hydrocarbons | 1 | ----- | 1 | ----- | ----- | ----- |
| 3220 alcohols | 42 | 22 | 8 | 6 | 1 | 5 |
| 3260 organic comp. nec | 3 | ----- | 3 | ----- | ----- | ----- |
| 3272 sulphuric acid | 1 | ----- | 1 | ----- | ----- | ----- |
| 3273 ammonia | 0 | 0 | 0 | ----- | ----- | ----- |
| 3274 sodium hydroxide | 2 | ----- | 2 | ----- | ----- | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 5 | 0 | 5 | ----- | ----- | ----- |
| 3276 metallic salts | 2 | ----- | 2 | ----- | ----- | ----- |
| 3281 radioactive material | 0 | 0 | ----- | ----- | ----- | ----- |
| 3282 pigments & paints | 5 | 0 | 5 | ----- | ----- | ----- |
| 3284 medicines | 0 | ----- | 0 | ----- | ----- | ----- |
| 3285 perfumes & cleansers | 2 | 0 | 1 | ----- | ----- | ----- |
| 3286 plastics | 19 | 0 | 19 | ----- | ----- | ----- |
| 3291 pesticides | 0 | ----- | 0 | ----- | ----- | ----- |
| 3293 explosives | 0 | ----- | 0 | ----- | ----- | ----- |
| 3297 chemical additives | 0 | ----- | 0 | ----- | ----- | ----- |
| 3299 chem. products nec | 14 | 6 | 8 | ----- | ----- | ----- |

SEATTLE HARBOR, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | |
|---|--------------|-----------|------------|--------------|------------|------------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total crude materials, inedible except fuels | 1,748 | 80 | 209 | 1,238 | 115 | 106 |
| Subtotal forest products, wood and chips | 456 | 64 | 163 | 49 | 106 | 74 |
| 4110 rubber & gums | 0 | 0 | 0 | | | |
| 4150 fuel wood | 0 | | 0 | | | 0 |
| 4170 wood in the rough | 239 | 5 | 6 | 48 | 106 | 74 |
| 4189 lumber | 213 | 59 | 153 | 1 | 0 | 0 |
| 4190 forest products nec | 4 | 0 | 4 | | | |
| Subtotal pulp and waste paper | 97 | 3 | 1 | 93 | | |
| 4225 pulp & waste paper | 97 | 3 | 1 | 93 | | |
| Subtotal soil, sand, gravel, rock and stone | 1,074 | 0 | 6 | 1,033 | 9 | 26 |
| 4322 limestone | 0 | | 0 | | | |
| 4323 gypsum | 8 | | 1 | 8 | | |
| 4331 sand & gravel | 1,037 | | 2 | 1,026 | 9 | |
| 4333 dredged material | 26 | | | | | 26 |
| 4338 soil & fill dirt | 3 | 0 | 3 | | | |
| Subtotal iron ore and scrap | 10 | 10 | 0 | | | |
| 4410 iron ore | 0 | 0 | | | | |
| 4420 iron & steel scrap | 10 | 10 | 0 | | | |
| Subtotal non-ferrous ores and scrap | 3 | 3 | | | | |
| 4690 non-ferrous ores nec | 3 | 3 | | | | |
| Subtotal sulphur, clay and salt | 90 | | 22 | 63 | | 6 |
| 4741 sulphur, (dry) | 2 | | 2 | | | |
| 4782 clay & refrac. mat. | 89 | | 20 | 63 | | 6 |
| Subtotal other non-metal. min. | 17 | 0 | 17 | | 0 | |
| 4900 non-metal. min. nec | 17 | 0 | 17 | | 0 | |
| Total primary manufactured goods | 468 | 12 | 392 | 59 | 3 | 2 |
| Subtotal paper products | 76 | 1 | 76 | | | |
| 5110 newsprint | 7 | | 7 | | | |
| 5120 paper & paperboard | 14 | | 14 | | | |
| 5190 paper products nec | 56 | 1 | 56 | | | |
| Subtotal lime, cement and glass | 162 | 0 | 101 | 59 | 2 | 0 |
| 5220 cement & concrete | 73 | 0 | 15 | 57 | 2 | |
| 5240 glass & glass prod. | 5 | 0 | 5 | | | |
| 5290 misc. mineral prod. | 83 | 0 | 81 | 2 | 0 | 0 |
| Subtotal primary iron and steel products | 21 | 2 | 19 | | | 0 |
| 5330 i&s plates & sheets | 0 | | 0 | | | |
| 5360 i&s bars & shapes | 2 | | 2 | | | |
| 5370 i&s pipe & tube | 19 | 2 | 17 | | | 0 |
| 5390 primary i&s nec | 0 | 0 | 0 | | | |
| Subtotal primary non-ferrous metal products | 138 | 9 | 126 | 0 | 1 | 2 |
| 5422 aluminum | 0 | 0 | | | | |
| 5429 smelted prod. nec | 1 | | 1 | | | |
| 5480 fab. metal products | 137 | 9 | 125 | 0 | 1 | 2 |
| Subtotal primary wood products | 71 | 0 | 71 | | | |
| 5540 primary wood prod. | 71 | 0 | 71 | | | |

SEATTLE HARBOR, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | |
|---|------------|--------------|--------------|--------------|--------------|--------------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total food and farm products | 496 | 181 | 278 | 4 | ----- | 32 |
| Subtotal fish | 101 | 92 | 5 | 4 | ----- | ----- |
| 6134 fish (not shellfish) | 98 | 89 | 5 | 3 | ----- | ----- |
| 6136 shellfish | 3 | 3 | 0 | 1 | ----- | ----- |
| Subtotal grain | 2 | ----- | 2 | ----- | ----- | ----- |
| 6344 corn | 1 | ----- | 1 | ----- | ----- | ----- |
| 6442 rice | 1 | ----- | 1 | ----- | ----- | ----- |
| Subtotal oilseeds | 0 | ----- | 0 | ----- | ----- | ----- |
| 6522 soybeans | 0 | ----- | 0 | ----- | ----- | ----- |
| 6590 oilseeds nec | 0 | ----- | 0 | ----- | ----- | ----- |
| Subtotal vegetable products | 41 | 1 | 40 | ----- | ----- | ----- |
| 6654 vegetables & prod. | 41 | 1 | 40 | ----- | ----- | ----- |
| Subtotal processed grain and animal feed | 82 | 0 | 82 | ----- | ----- | ----- |
| 6746 wheat flour | 6 | ----- | 6 | ----- | ----- | ----- |
| 6747 grain mill products | 0 | ----- | 0 | ----- | ----- | ----- |
| 6781 hay & fodder | 1 | ----- | 1 | ----- | ----- | ----- |
| 6782 animal feed, prep. | 75 | 0 | 75 | ----- | ----- | ----- |
| Subtotal other agricultural products | 270 | 89 | 149 | ----- | ----- | 32 |
| 6811 meat, fresh, frozen | 7 | 0 | 7 | ----- | ----- | ----- |
| 6822 dairy products | 3 | 0 | 3 | ----- | ----- | ----- |
| 6835 fish, prepared | 3 | 3 | ----- | ----- | ----- | ----- |
| 6839 animals & prod. nec | 3 | 1 | 2 | ----- | ----- | ----- |
| 6857 fruit & nuts nec | 6 | 0 | 6 | ----- | ----- | ----- |
| 6858 fruit juices | 35 | 34 | 1 | ----- | ----- | ----- |
| 6861 sugar | 0 | ----- | 0 | ----- | ----- | ----- |
| 6865 molasses | 70 | 37 | ----- | ----- | ----- | 32 |
| 6871 coffee | 0 | 0 | 0 | ----- | ----- | ----- |
| 6885 alcoholic beverages | 14 | 1 | 14 | ----- | ----- | ----- |
| 6887 groceries | 43 | 1 | 41 | ----- | ----- | ----- |
| 6889 food products nec | 82 | 10 | 72 | ----- | ----- | ----- |
| 6891 tobacco & products | 0 | 0 | 0 | ----- | ----- | ----- |
| 6899 farm products nec | 5 | 1 | 4 | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 641 | 136 | 504 | 1 | 0 | 0 |
| 7110 machinery (not elec) | 57 | 13 | 43 | 1 | 0 | 0 |
| 7120 electrical machinery | 12 | 0 | 11 | ----- | ----- | ----- |
| 7210 vehicles & parts | 46 | 17 | 29 | ----- | ----- | ----- |
| 7220 aircraft & parts | 0 | 0 | 0 | ----- | ----- | ----- |
| 7230 ships & boats | 4 | 1 | 3 | ----- | ----- | ----- |
| 7300 ordnance & access. | 0 | ----- | 0 | ----- | ----- | ----- |
| 7400 manufac. wood prod. | 90 | 49 | 41 | ----- | 0 | 0 |
| 7500 textile products | 4 | 0 | 4 | ----- | ----- | ----- |
| 7600 rubber & plastic pr. | 4 | 0 | 4 | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 424 | 55 | 369 | ----- | 0 | ----- |
| Total waste and scrap nec | 0 | ----- | ----- | 0 | ----- | ----- |
| 8900 waste and scrap nec | 0 | ----- | ----- | 0 | ----- | ----- |

SEATTLE HARBOR, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | |
|--|----------|-----------|-----------|----------|-----------|-----------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total unknown or not elsewhere classified | 0 | 0 | 0 | ----- | ----- | ----- |
| 9900 unknown or nec | 0 | 0 | 0 | ----- | ----- | ----- |

LAKE WASHINGTON SHIP CANAL, WA (INCLUDED IN TRAFFIC OF SEATTLE HARBOR, WA)

Section Included: As described under Seattle Harbor, WA.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|-------------|--------------|
| 1985 | 1,835 | 1990 | 1,724 |
| 1986 | 1,761 | 1991 | 1,437 |
| 1987 | 1,620 | 1992 | 1,614 |
| 1988 | 1,740 | 1993 | 1,919 |
| 1989 | 1,566 | 1994 | 1,365 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|------------|-----------|-----------|------------|-----------|
| | | Imports | Exports | Imports | Exports |
| Total, all commodities | 299 | 31 | 11 | 219 | 39 |
| Total petroleum and petroleum products | 0 | ----- | 0 | ----- | ----- |
| Subtotal petroleum products | 0 | ----- | 0 | ----- | ----- |
| 2350 lube oil & greases | 0 | ----- | 0 | ----- | ----- |
| Total chemicals and related products | 22 | 22 | 0 | ----- | ----- |
| Subtotal other chemicals and related products | 22 | 22 | 0 | ----- | ----- |
| 3219 other hydrocarbons | 0 | ----- | 0 | ----- | ----- |
| 3220 alcohols | 22 | 22 | ----- | ----- | ----- |
| 3230 carboxylic acids | 0 | ----- | 0 | ----- | ----- |
| 3260 organic comp. nec | 0 | ----- | 0 | ----- | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 0 | ----- | 0 | ----- | ----- |
| 3282 pigments & paints | 0 | ----- | 0 | ----- | ----- |
| 3285 perfumes & cleansers | 0 | ----- | 0 | ----- | ----- |
| 3286 plastics | 0 | ----- | 0 | ----- | ----- |
| 3291 pesticides | 0 | ----- | 0 | ----- | ----- |
| 3297 chemical additives | 0 | ----- | 0 | ----- | ----- |
| Total crude materials, inedible except fuels | 258 | ----- | 1 | 218 | 39 |
| Subtotal forest products, wood and chips | 7 | ----- | ----- | 7 | ----- |
| 4170 wood in the rough | 7 | ----- | ----- | 7 | ----- |

LAKE WASHINGTON SHIP CANAL, WA (INCLUDED IN TRAFFIC OF SEATTLE HARBOR, WA)
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|------------|----------|----------|------------|-----------|
| | | Imports | Exports | Imports | Exports |
| Subtotal soil, sand, gravel, rock and stone | 251 | ----- | 0 | 212 | 39 |
| 4310 building stone | 2 | ----- | ----- | 2 | ----- |
| 4322 limestone | 6 | ----- | ----- | 6 | ----- |
| 4323 gypsum | 4 | ----- | ----- | ----- | 4 |
| 4331 sand & gravel | 240 | ----- | 0 | 205 | 35 |
| Subtotal iron ore and scrap | 0 | ----- | 0 | ----- | ----- |
| 4420 iron & steel scrap | 0 | ----- | 0 | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 0 | ----- | 0 | ----- | 0 |
| 4680 non-ferrous scrap | 0 | ----- | 0 | ----- | ----- |
| 4690 non-ferrous ores nec | 0 | ----- | ----- | ----- | 0 |
| Subtotal other non-metal. min. | 0 | ----- | 0 | ----- | ----- |
| 4900 non-metal. min. nec | 0 | ----- | 0 | ----- | ----- |
| Total primary manufactured goods | 1 | ----- | 1 | 0 | ----- |
| Subtotal paper products | 1 | ----- | 1 | ----- | ----- |
| 5120 paper & paperboard | 0 | ----- | 0 | ----- | ----- |
| 5190 paper products nec | 1 | ----- | 1 | ----- | ----- |
| Subtotal lime, cement and glass | 0 | ----- | 0 | 0 | ----- |
| 5240 glass & glass prod. | 0 | ----- | 0 | ----- | ----- |
| 5290 misc. mineral prod. | 0 | ----- | ----- | 0 | ----- |
| Subtotal primary iron and steel products | 0 | ----- | 0 | ----- | ----- |
| 5370 i&s pipe & tube | 0 | ----- | 0 | ----- | ----- |
| Subtotal primary non-ferrous metal products | 0 | ----- | 0 | 0 | ----- |
| 5422 aluminum | 0 | ----- | ----- | 0 | ----- |
| 5429 smelted prod. nec | 0 | ----- | 0 | ----- | ----- |
| 5480 fab. metal products | 0 | ----- | 0 | 0 | ----- |
| Total food and farm products | 16 | 9 | 8 | ----- | ----- |
| Subtotal fish | 9 | 9 | 0 | ----- | ----- |
| 6134 fish (not shellfish) | 8 | 8 | 0 | ----- | ----- |
| 6136 shellfish | 1 | 1 | ----- | ----- | ----- |
| Subtotal grain | 0 | ----- | 0 | ----- | ----- |
| 6344 corn | 0 | ----- | 0 | ----- | ----- |
| Subtotal oilseeds | 0 | 0 | ----- | ----- | ----- |
| 6590 oilseeds nec | 0 | 0 | ----- | ----- | ----- |
| Subtotal vegetable products | 1 | ----- | 1 | ----- | ----- |
| 6653 vegetable oils | 0 | ----- | 0 | ----- | ----- |
| 6654 vegetables & prod. | 1 | ----- | 1 | ----- | ----- |
| Subtotal processed grain and animal feed | 0 | ----- | 0 | ----- | ----- |
| 6747 grain mill products | 0 | ----- | 0 | ----- | ----- |
| 6782 animal feed, prep. | 0 | ----- | 0 | ----- | ----- |
| Subtotal other agricultural products | 6 | ----- | 6 | ----- | ----- |
| 6811 meat, fresh, frozen | 4 | ----- | 4 | ----- | ----- |
| 6817 meat, prepared | 0 | ----- | 0 | ----- | ----- |
| 6822 dairy products | 0 | ----- | 0 | ----- | ----- |
| 6839 animals & prod. nec | 0 | ----- | 0 | ----- | ----- |
| 6857 fruit & nuts nec | 1 | ----- | 1 | ----- | ----- |

LAKE WASHINGTON SHIP CANAL, WA (INCLUDED IN TRAFFIC OF SEATTLE HARBOR, WA)
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|---|----------|----------|----------|----------|---------|
| | | Imports | Exports | Imports | Exports |
| 6858 fruit juices | 0 | ----- | 0 | ----- | ----- |
| 6885 alcoholic beverages | 0 | ----- | 0 | ----- | ----- |
| 6889 food products nec | 1 | ----- | 1 | ----- | ----- |
| 6891 tobacco & products | 0 | ----- | 0 | ----- | ----- |
| 6893 cotton | 0 | ----- | 0 | ----- | ----- |
| Total all manufactured equipment, machinery and products | 1 | 0 | 1 | 0 | ----- |
| 7110 machinery (not elec) | 0 | ----- | 0 | 0 | ----- |
| 7120 electrical machinery | 0 | ----- | 0 | ----- | ----- |
| 7210 vehicles & parts | 0 | 0 | 0 | 0 | ----- |
| 7230 ships & boats | 0 | ----- | 0 | ----- | ----- |
| 7500 textile products | 0 | ----- | 0 | ----- | ----- |
| 7600 rubber & plastic pr. | 1 | ----- | 1 | 0 | ----- |
| 7900 manufac. prod. nec | 0 | ----- | 0 | 0 | ----- |
| Total unknown or not elsewhere classified | 0 | 0 | 0 | 0 | ----- |
| 9900 unknown or nec | 0 | 0 | 0 | 0 | ----- |

| Commodity | Total | Domestic | | | | |
|--|--------------|------------|------------|-----------------|------------------|---------------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Inbound Upbound | Outbound Downbnd | Intra Upbound |
| Total, all commodities | 1,065 | 110 | 166 | 618 | 136 | 35 |
| Total petroleum and petroleum products | 109 | 0 | 3 | 106 | ----- | 0 |
| Subtotal petroleum products | 109 | 0 | 3 | 106 | ----- | 0 |
| 2221 kerosene | 0 | ----- | 0 | ----- | ----- | ----- |
| 2330 distillate fuel oil | 107 | ----- | 1 | 106 | ----- | 0 |
| 2340 residual fuel oil | 1 | ----- | 1 | ----- | ----- | ----- |
| 2350 lube oil & greases | 0 | 0 | 0 | ----- | ----- | ----- |
| 2540 petroleum coke | 0 | ----- | 0 | ----- | ----- | ----- |
| 2640 liquid natural gas | 1 | 0 | 1 | ----- | ----- | ----- |
| 2990 petro. products nec | 0 | ----- | 0 | ----- | ----- | ----- |
| Total chemicals and related products | 2 | 0 | 1 | ----- | 1 | ----- |
| Subtotal fertilizers | 1 | ----- | 1 | ----- | ----- | ----- |
| 3110 nitrogenous fert. | 0 | ----- | 0 | ----- | ----- | ----- |
| 3190 fert. & mixes nec | 1 | ----- | 1 | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 1 | 0 | 0 | ----- | 1 | ----- |
| 3220 alcohols | 1 | ----- | 0 | ----- | 1 | ----- |
| 3273 ammonia | 0 | 0 | 0 | ----- | ----- | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 0 | ----- | 0 | ----- | ----- | ----- |
| 3276 metallic salts | 0 | ----- | 0 | ----- | ----- | ----- |
| 3282 pigments & paints | 0 | ----- | 0 | ----- | ----- | ----- |
| 3285 perfumes & cleansers | 0 | ----- | 0 | ----- | ----- | ----- |

LAKE WASHINGTON SHIP CANAL, WA (INCLUDED IN TRAFFIC OF SEATTLE HARBOR, WA)
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | | Total | Domestic | | | | |
|---|----------------------|------------|-----------|-----------|--------------------|---------------------|------------------|
| | | | Coastwise | | Internal | | |
| | | | Receipts | Shipments | Inbound Upbound | Outbound Downbnd | Intra Upbound |
| 3286 | plastics | 0 | ----- | 0 | ----- | ----- | ----- |
| 3291 | pesticides | 0 | ----- | 0 | ----- | ----- | ----- |
| 3299 | chem. products nec | 0 | 0 | 0 | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | | 713 | 15 | 18 | 511 | 134 | 34 |
| Subtotal forest products, wood and chips | | 216 | 12 | 15 | 54 | 101 | 34 |
| 4150 | fuel wood | 0 | ----- | 0 | ----- | ----- | ----- |
| 4170 | wood in the rough | 192 | 3 | 0 | 54 | 101 | 34 |
| 4189 | lumber | 24 | 9 | 15 | ----- | ----- | ----- |
| 4190 | forest products nec | 0 | ----- | 0 | ----- | ----- | ----- |
| Subtotal pulp and waste paper | | 0 | 0 | ----- | ----- | ----- | ----- |
| 4225 | pulp & waste paper | 0 | 0 | ----- | ----- | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | | 490 | ----- | 0 | 457 | 33 | ----- |
| 4331 | sand & gravel | 464 | ----- | 0 | 457 | 7 | ----- |
| 4333 | dredged material | 26 | ----- | ----- | ----- | 26 | ----- |
| 4338 | soil & fill dirt | 0 | ----- | 0 | ----- | ----- | ----- |
| Subtotal iron ore and scrap | | 0 | 0 | ----- | ----- | ----- | ----- |
| 4420 | iron & steel scrap | 0 | 0 | ----- | ----- | ----- | ----- |
| Subtotal non-ferrous ores and scrap | | 3 | 3 | ----- | ----- | ----- | ----- |
| 4690 | non-ferrous ores nec | 3 | 3 | ----- | ----- | ----- | ----- |
| Subtotal other non-metal. min. | | 3 | 0 | 3 | ----- | ----- | ----- |
| 4900 | non-metal. min. nec | 3 | 0 | 3 | ----- | ----- | ----- |
| Total primary manufactured goods | | 31 | 1 | 29 | ----- | 1 | ----- |
| Subtotal paper products | | 4 | 0 | 4 | ----- | ----- | ----- |
| 5110 | newsprint | 0 | ----- | 0 | ----- | ----- | ----- |
| 5190 | paper products nec | 4 | 0 | 4 | ----- | ----- | ----- |
| Subtotal lime, cement and glass | | 17 | 0 | 17 | ----- | ----- | ----- |
| 5220 | cement & concrete | 1 | ----- | 1 | ----- | ----- | ----- |
| 5240 | glass & glass prod. | 0 | 0 | 0 | ----- | ----- | ----- |
| 5290 | misc. mineral prod. | 16 | 0 | 16 | ----- | ----- | ----- |
| Subtotal primary iron and steel products | | 0 | ----- | 0 | ----- | ----- | ----- |
| 5360 | i&s bars & shapes | 0 | ----- | 0 | ----- | ----- | ----- |
| 5370 | i&s pipe & tube | 0 | ----- | 0 | ----- | ----- | ----- |
| 5390 | primary i&s nec | 0 | ----- | 0 | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | | 10 | 1 | 8 | ----- | 1 | ----- |
| 5422 | aluminum | 0 | 0 | ----- | ----- | ----- | ----- |
| 5480 | fab. metal products | 10 | 1 | 8 | ----- | 1 | ----- |
| Subtotal primary wood products | | 0 | 0 | 0 | ----- | ----- | ----- |
| 5540 | primary wood prod. | 0 | 0 | 0 | ----- | ----- | ----- |
| Total food and farm products | | 116 | 74 | 41 | 0 | ----- | ----- |
| Subtotal fish | | 76 | 72 | 3 | 0 | ----- | ----- |
| 6134 | fish (not shellfish) | 74 | 70 | 3 | 0 | ----- | ----- |
| 6136 | shellfish | 2 | 2 | 0 | ----- | ----- | ----- |

LAKE WASHINGTON SHIP CANAL, WA (INCLUDED IN TRAFFIC OF SEATTLE HARBOR, WA)
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Domestic | | | | |
|---|-----------|-----------|-----------|--------------------|---------------------|------------------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Inbound Upbound | Outbound Downbnd | Intra Upbound |
| Subtotal vegetable products | 1 | 0 | 1 | ----- | ----- | ----- |
| 6654 vegetables & prod. | 1 | 0 | 1 | ----- | ----- | ----- |
| Subtotal processed grain and animal feed | 0 | ----- | 0 | ----- | ----- | ----- |
| 6781 hay & fodder | 0 | ----- | 0 | ----- | ----- | ----- |
| 6782 animal feed, prep. | 0 | ----- | 0 | ----- | ----- | ----- |
| Subtotal other agricultural products | 39 | 2 | 36 | ----- | ----- | ----- |
| 6811 meat, fresh, frozen | 1 | 0 | 1 | ----- | ----- | ----- |
| 6835 fish, prepared | 1 | 1 | ----- | ----- | ----- | ----- |
| 6858 fruit juices | 1 | 0 | 1 | ----- | ----- | ----- |
| 6861 sugar | 0 | ----- | 0 | ----- | ----- | ----- |
| 6885 alcoholic beverages | 3 | 1 | 2 | ----- | ----- | ----- |
| 6887 groceries | 30 | 0 | 30 | ----- | ----- | ----- |
| 6889 food products nec | 2 | ----- | 2 | ----- | ----- | ----- |
| 6891 tobacco & products | 0 | ----- | 0 | ----- | ----- | ----- |
| 6899 farm products nec | 0 | ----- | 0 | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 94 | 19 | 74 | ----- | 0 | ----- |
| 7110 machinery (not elec) | 6 | 1 | 6 | ----- | ----- | ----- |
| 7120 electrical machinery | 0 | 0 | 0 | ----- | ----- | ----- |
| 7210 vehicles & parts | 3 | 1 | 3 | ----- | ----- | ----- |
| 7220 aircraft & parts | 0 | 0 | 0 | ----- | ----- | ----- |
| 7230 ships & boats | 2 | 0 | 2 | ----- | ----- | ----- |
| 7300 ordnance & access. | 0 | ----- | 0 | ----- | ----- | ----- |
| 7400 manufac. wood prod. | 14 | 0 | 14 | ----- | ----- | ----- |
| 7500 textile products | 0 | 0 | 0 | ----- | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | 0 | 0 | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 68 | 18 | 50 | ----- | 0 | ----- |

EVERETT HARBOR AND SNOHOMISH RIVER, WA

Section Included: Port Gardner Bay from the Weyerhaeuser Company Thermo-Mechanical Mill, on the south to Preston Point on the north and including the Snohomish River and Tributary Waters. Controlling Depth: East Waterway, 33.3 feet; 14.0 feet in Port Gardner Bay to the settling basin; 8.8 feet in the settling basin; 6.1 feet from the settling basin to Burlington Northern Railroad; 4.8 feet from Burlington Northern Railroad to head of waterway at Steamboat Slough. Project Depth: East Waterway, 30 feet; deep water in Port Gardner Bay to settling basin, 15 feet; settling basin, 20 feet; from the settling basin to the gap, 8 feet; from the Gap to the upstream settling basin, 8 feet; 40 feet in upstream settling basin; 8 feet to head of waterway. All depths refer to mllw.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 4,128 | 1990 | 6,580 |
| 1986 | 5,797 | 1991 | 5,453 |
| 1987 | 7,200 | 1992 | 6,010 |
| 1988 | 7,396 | 1993 | 4,714 |
| 1989 | 6,036 | 1994 | 4,192 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|--------------|------------|------------|-----------|-----------|
| | | Imports | Exports | Imports | Exports |
| Total, all commodities | 1,160 | 253 | 803 | 73 | 31 |
| Total petroleum and petroleum products | 6 | ----- | ----- | 6 | ----- |
| Subtotal petroleum products | 6 | ----- | ----- | 6 | ----- |
| 2330 distillate fuel oil | 6 | ----- | ----- | 6 | ----- |
| Total chemicals and related products | 15 | 15 | 0 | ----- | ----- |
| Subtotal other chemicals and related products | 15 | 15 | 0 | ----- | ----- |
| 3282 pigments & paints | 0 | ----- | 0 | ----- | ----- |
| 3285 perfumes & cleansers | 0 | 0 | ----- | ----- | ----- |
| 3292 starches, gluten, glue | 0 | ----- | 0 | ----- | ----- |
| 3298 wood & resin chem. | 0 | ----- | 0 | ----- | ----- |
| 3299 chem. products nec | 15 | 15 | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 1,082 | 237 | 765 | 49 | 31 |
| Subtotal forest products, wood and chips | 819 | ----- | 761 | 26 | 31 |
| 4161 wood chips | 10 | ----- | ----- | 2 | 8 |
| 4170 wood in the rough | 808 | ----- | 760 | 24 | 23 |
| 4189 lumber | 1 | ----- | 1 | ----- | ----- |
| Subtotal pulp and waste paper | 4 | ----- | 3 | 1 | ----- |
| 4225 pulp & waste paper | 4 | ----- | 3 | 1 | ----- |
| Subtotal soil, sand, gravel, rock and stone | 22 | ----- | ----- | 22 | ----- |
| 4322 limestone | 5 | ----- | ----- | 5 | ----- |
| 4331 sand & gravel | 18 | ----- | ----- | 18 | ----- |
| Subtotal non-ferrous ores and scrap | 237 | 237 | ----- | ----- | 0 |
| 4650 aluminum ore | 237 | 237 | ----- | ----- | ----- |
| 4690 non-ferrous ores nec | 0 | ----- | ----- | ----- | 0 |
| Subtotal other non-metal. min. | 0 | ----- | 0 | ----- | ----- |
| 4900 non-metal. min. nec | 0 | ----- | 0 | ----- | ----- |

EVERETT HARBOR AND SNOHOMISH RIVER, WA
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|---|-----------|----------|-----------|-----------|----------|
| | | Imports | Exports | Imports | Exports |
| Total primary manufactured goods | 18 | ----- | 0 | 18 | 0 |
| Subtotal paper products | 17 | ----- | 0 | 17 | ----- |
| 5110 newsprint | 12 | ----- | ----- | 12 | ----- |
| 5120 paper & paperboard | 6 | ----- | 0 | 6 | ----- |
| Subtotal lime, cement and glass | 0 | ----- | ----- | 0 | ----- |
| 5290 misc. mineral prod. | 0 | ----- | ----- | 0 | ----- |
| Subtotal primary non-ferrous metal products | 0 | ----- | 0 | ----- | 0 |
| 5480 fab. metal products | 0 | ----- | 0 | ----- | 0 |
| Subtotal primary wood products | 0 | ----- | 0 | ----- | ----- |
| 5540 primary wood prod. | 0 | ----- | 0 | ----- | ----- |
| Total food and farm products | 38 | ----- | 38 | 0 | ----- |
| Subtotal fish | 0 | ----- | 0 | 0 | ----- |
| 6134 fish (not shellfish) | 0 | ----- | 0 | 0 | ----- |
| Subtotal grain | 0 | ----- | 0 | ----- | ----- |
| 6344 corn | 0 | ----- | 0 | ----- | ----- |
| Subtotal vegetable products | 8 | ----- | 8 | ----- | ----- |
| 6653 vegetable oils | 1 | ----- | 1 | ----- | ----- |
| 6654 vegetables & prod. | 7 | ----- | 7 | ----- | ----- |
| Subtotal processed grain and animal feed | 0 | ----- | 0 | ----- | ----- |
| 6746 wheat flour | 0 | ----- | 0 | ----- | ----- |
| 6747 grain mill products | 0 | ----- | 0 | ----- | ----- |
| Subtotal other agricultural products | 30 | ----- | 30 | ----- | ----- |
| 6811 meat, fresh, frozen | 1 | ----- | 1 | ----- | ----- |
| 6817 meat, prepared | 0 | ----- | 0 | ----- | ----- |
| 6822 dairy products | 0 | ----- | 0 | ----- | ----- |
| 6835 fish, prepared | 0 | ----- | 0 | ----- | ----- |
| 6839 animals & prod. nec | 0 | ----- | 0 | ----- | ----- |
| 6857 fruit & nuts nec | 22 | ----- | 22 | ----- | ----- |
| 6858 fruit juices | 0 | ----- | 0 | ----- | ----- |
| 6861 sugar | 5 | ----- | 5 | ----- | ----- |
| 6885 alcoholic beverages | 0 | ----- | 0 | ----- | ----- |
| 6889 food products nec | 0 | ----- | 0 | ----- | ----- |
| Total all manufactured equipment, machinery and products | 2 | 1 | 0 | 0 | 0 |
| 7110 machinery (not elec) | 1 | 1 | 0 | ----- | 0 |
| 7120 electrical machinery | 0 | ----- | 0 | ----- | ----- |
| 7210 vehicles & parts | 0 | ----- | 0 | ----- | ----- |
| 7230 ships & boats | 0 | ----- | 0 | ----- | ----- |
| 7400 manufac. wood prod. | 0 | 0 | ----- | ----- | ----- |
| 7500 textile products | 0 | 0 | 0 | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | ----- | 0 | 0 | ----- |
| 7900 manufac. prod. nec | 0 | 0 | 0 | ----- | ----- |
| Total unknown or not elsewhere classified | 0 | ----- | 0 | ----- | ----- |
| 9900 unknown or nec | 0 | ----- | 0 | ----- | ----- |

EVERETT HARBOR AND SNOHOMISH RIVER, WA
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Domestic | | | | |
|---|--------------|-----------|-----------|--------------|------------|--------------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total, all commodities | 3,032 | 9 | 4 | 1,005 | 800 | 1,214 |
| Total petroleum and petroleum products | 22 | ----- | ----- | 22 | ----- | ----- |
| Subtotal petroleum products | 22 | ----- | ----- | 22 | ----- | ----- |
| 2330 distillate fuel oil | 0 | ----- | ----- | 0 | ----- | ----- |
| 2340 residual fuel oil | 22 | ----- | ----- | 22 | ----- | ----- |
| Total chemicals and related products | 21 | ----- | 4 | 17 | ----- | ----- |
| Subtotal other chemicals and related products | 21 | ----- | 4 | 17 | ----- | ----- |
| 3274 sodium hydroxide | 8 | ----- | ----- | 8 | ----- | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 9 | ----- | ----- | 9 | ----- | ----- |
| 3298 wood & resin chem. | 4 | ----- | 4 | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 2,985 | 8 | ----- | 963 | 800 | 1,214 |
| Subtotal forest products, wood and chips | 2,826 | 8 | ----- | 804 | 800 | 1,214 |
| 4150 fuel wood | 19 | ----- | ----- | ----- | 19 | ----- |
| 4161 wood chips | 65 | ----- | ----- | ----- | 65 | ----- |
| 4170 wood in the rough | 2,740 | 8 | ----- | 804 | 714 | 1,214 |
| 4189 lumber | 1 | ----- | ----- | ----- | 1 | ----- |
| Subtotal soil, sand, gravel, rock and stone | 160 | ----- | ----- | 160 | ----- | ----- |
| 4331 sand & gravel | 160 | ----- | ----- | 160 | ----- | ----- |
| Total food and farm products | 2 | ----- | ----- | 2 | ----- | ----- |
| Subtotal fish | 2 | ----- | ----- | 2 | ----- | ----- |
| 6134 fish (not shellfish) | 2 | ----- | ----- | 2 | ----- | ----- |
| 6136 shellfish | 0 | ----- | ----- | 0 | ----- | ----- |
| Total all manufactured equipment, machinery and products | 2 | 1 | 1 | 0 | 0 | ----- |
| 7110 machinery (not elec) | 1 | 1 | ----- | ----- | 0 | ----- |
| 7210 vehicles & parts | 0 | ----- | ----- | 0 | ----- | ----- |
| 7300 ordnance & access. | 1 | ----- | 1 | ----- | ----- | ----- |

SWINOMISH CHANNEL, WA

Section Included: Entire channel. Controlling Depth: 10.5 feet. Project Depth: 12 feet. All depths refer to mllw.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 696 | 1990 | 1,733 |
| 1986 | 2,160 | 1991 | 829 |
| 1987 | 1,643 | 1992 | 816 |
| 1988 | 837 | 1993 | 551 |
| 1989 | 1,724 | 1994 | 374 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Internal | | | | | | |
|---|--------------|-----------|------------|------------|------------|------------|------------|-----------|
| | | Inbound | | Outbound | | Through | | Intra |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd | Downbnd |
| Total, all commodities | 374 | 27 | 19 | 79 | 194 | 34 | 18 | 2 |
| Total crude materials, inedible except fuels | 363 | 27 | 10 | 79 | 194 | 34 | 16 | 2 |
| Subtotal forest products, wood and chips | 363 | 27 | 10 | 79 | 194 | 34 | 16 | 2 |
| 4170 wood in the rough | 363 | 27 | 10 | 79 | 194 | 34 | 16 | 2 |
| Total primary manufactured goods | 2 | ----- | ----- | ----- | ----- | ----- | 2 | ----- |
| Subtotal lime, cement and glass | 2 | ----- | ----- | ----- | ----- | ----- | 2 | ----- |
| 5290 misc. mineral prod. | 2 | ----- | ----- | ----- | ----- | ----- | 2 | ----- |
| Total food and farm products | 9 | ----- | 9 | ----- | ----- | ----- | ----- | ----- |
| Subtotal fish | 9 | ----- | 9 | ----- | ----- | ----- | ----- | ----- |
| 6134 fish (not shellfish) | 9 | ----- | 9 | ----- | ----- | ----- | ----- | ----- |
| 6136 shellfish | 1 | ----- | 1 | ----- | ----- | ----- | ----- | ----- |
| Ton-miles (x1000) | 1,632 | 20 | 137 | 690 | 251 | 342 | 178 | 12 |
| Tons All Traffic (x1000) | 374 | | | | | | | |
| Ton-miles All Traffic (x1000) | 1,632 | | | | | | | |

ANACORTES HARBOR, WA

Section Included: Water front of Fidalgo Island from Burrows Bay to and including the oil refinery wharves on Fidalgo Bay. Controlling Depth: Main harbor on Guemes Channel, 33 feet; Cap Sante Waterway, Outer Waterway 11.4 feet, Inner Waterway 11.8 feet, Anacortes Navigation Channel, 16.2 feet. Project Depth: No project for main harbor; Cap Sante Waterway, 12 feet Anacortes Navigation Channel, 18 feet. All depths refer to mllw.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|--------|------|--------|
| 1985 | 10,208 | 1990 | 15,438 |
| 1986 | 12,747 | 1991 | 14,481 |
| 1987 | 13,687 | 1992 | 15,260 |
| 1988 | 13,638 | 1993 | 13,124 |
| 1989 | 13,169 | 1994 | 12,950 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|--------------|------------|------------|------------|------------|
| | | Imports | Exports | Imports | Exports |
| Total, all commodities | 2,260 | 693 | 961 | 103 | 503 |
| Total coal | 29 | ----- | ----- | ----- | 29 |
| 1100 coal lignite | 29 | ----- | ----- | ----- | 29 |
| Total petroleum and petroleum products | 2,120 | 693 | 887 | 66 | 474 |
| Subtotal crude petroleum | 675 | 652 | 23 | ----- | ----- |
| 2100 crude petroleum | 675 | 652 | 23 | ----- | ----- |
| Subtotal petroleum products | 1,445 | 40 | 864 | 66 | 474 |
| 2211 gasoline | 97 | ----- | 92 | ----- | 4 |
| 2221 kerosene | 59 | ----- | ----- | ----- | 59 |
| 2330 distillate fuel oil | 334 | ----- | 258 | 10 | 67 |
| 2340 residual fuel oil | 364 | ----- | 304 | 19 | 41 |
| 2350 lube oil & greases | 45 | 40 | ----- | ----- | 5 |
| 2429 naphtha & solvents | 162 | ----- | 157 | ----- | 6 |
| 2430 asphalt, tar & pitch | 69 | 0 | 31 | 38 | ----- |
| 2540 petroleum coke | 314 | ----- | 22 | ----- | 292 |
| Total chemicals and related products | 3 | ----- | 2 | 0 | 0 |
| Subtotal other chemicals and related products | 3 | ----- | 2 | 0 | 0 |
| 3240 nitrogen func. comp. | 0 | ----- | ----- | ----- | 0 |
| 3275 inorg. elem., oxides, & halogen salts | 2 | ----- | 2 | ----- | ----- |
| 3276 metallic salts | 0 | ----- | ----- | 0 | ----- |
| Total crude materials, inedible except fuels | 102 | ----- | 69 | 33 | ----- |
| Subtotal forest products, wood and chips | 102 | ----- | 69 | 33 | ----- |
| 4170 wood in the rough | 102 | ----- | 69 | 33 | ----- |
| 4189 lumber | 0 | ----- | ----- | 0 | ----- |
| Subtotal non-ferrous ores and scrap | 0 | ----- | 0 | ----- | ----- |
| 4680 non-ferrous scrap | 0 | ----- | 0 | ----- | ----- |

ANACORTES HARBOR, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|---|----------|----------|----------|----------|----------|
| | | Imports | Exports | Imports | Exports |
| Total primary manufactured goods | 2 | 0 | 0 | 2 | ----- |
| Subtotal paper products | 2 | 0 | ----- | 2 | ----- |
| 5110 newsprint | 2 | ----- | ----- | 2 | ----- |
| 5190 paper products nec | 0 | 0 | ----- | ----- | ----- |
| Subtotal lime, cement and glass | 0 | 0 | ----- | 0 | ----- |
| 5290 misc. mineral prod. | 0 | 0 | ----- | 0 | ----- |
| Subtotal primary non-ferrous metal products | 0 | 0 | 0 | 0 | ----- |
| 5480 fab. metal products | 0 | 0 | 0 | 0 | ----- |
| Total food and farm products | 4 | 0 | 3 | 1 | ----- |
| Subtotal fish | 1 | 0 | ----- | 1 | ----- |
| 6134 fish (not shellfish) | 1 | 0 | ----- | 1 | ----- |
| 6136 shellfish | 0 | 0 | ----- | ----- | ----- |
| Subtotal grain | 0 | ----- | 0 | ----- | ----- |
| 6344 corn | 0 | ----- | 0 | ----- | ----- |
| Subtotal oilseeds | 0 | ----- | 0 | ----- | ----- |
| 6522 soybeans | 0 | ----- | 0 | ----- | ----- |
| Subtotal processed grain and animal feed | 0 | ----- | 0 | ----- | ----- |
| 6781 hay & fodder | 0 | ----- | 0 | ----- | ----- |
| Subtotal other agricultural products | 2 | 0 | 2 | ----- | ----- |
| 6811 meat, fresh, frozen | 0 | ----- | 0 | ----- | ----- |
| 6838 tallow, animal oils | 2 | ----- | 2 | ----- | ----- |
| 6839 animals & prod. nec | 1 | ----- | 1 | ----- | ----- |
| 6885 alcoholic beverages | 0 | 0 | 0 | ----- | ----- |
| 6889 food products nec | 0 | ----- | 0 | ----- | ----- |
| Total all manufactured equipment, machinery and products | 1 | 1 | 0 | 0 | 0 |
| 7110 machinery (not elec) | 0 | 0 | 0 | ----- | ----- |
| 7120 electrical machinery | 0 | 0 | ----- | ----- | ----- |
| 7210 vehicles & parts | 0 | 0 | ----- | 0 | ----- |
| 7230 ships & boats | 0 | ----- | ----- | ----- | 0 |
| 7400 manufac. wood prod. | 0 | 0 | ----- | ----- | ----- |
| 7500 textile products | 0 | 0 | ----- | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | 0 | ----- | ----- | ----- |
| 7900 manufac. prod. nec | 0 | 0 | ----- | ----- | ----- |

ANACORTES HARBOR, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | |
|---|---------------|--------------|--------------|------------|--------------|-----------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total, all commodities | 10,690 | 8,309 | 1,096 | 193 | 1,078 | 14 |
| Total petroleum and petroleum products | 10,602 | 8,308 | 1,096 | 139 | 1,044 | 14 |
| Subtotal crude petroleum | 8,301 | 8,301 | ----- | ----- | ----- | ----- |
| 2100 crude petroleum | 8,301 | 8,301 | ----- | ----- | ----- | ----- |
| Subtotal petroleum products | 2,301 | 7 | 1,096 | 139 | 1,044 | 14 |
| 2211 gasoline | 719 | 7 | 334 | ----- | 378 | ----- |
| 2330 distillate fuel oil | 477 | ----- | 234 | 32 | 206 | 4 |
| 2340 residual fuel oil | 1,027 | ----- | 527 | 70 | 424 | 5 |
| 2350 lube oil & greases | 62 | ----- | ----- | 22 | 36 | 5 |
| 2429 naphtha & solvents | 15 | ----- | ----- | 15 | ----- | ----- |
| 2640 liquid natural gas | 0 | ----- | ----- | ----- | 0 | ----- |
| Total crude materials, inedible except fuels | 81 | ----- | ----- | 49 | 32 | ----- |
| Subtotal forest products, wood and chips | 81 | ----- | ----- | 49 | 32 | ----- |
| 4170 wood in the rough | 80 | ----- | ----- | 48 | 32 | ----- |
| 4189 lumber | 1 | ----- | ----- | 0 | 0 | ----- |
| Total primary manufactured goods | 1 | ----- | ----- | 1 | 0 | ----- |
| Subtotal lime, cement and glass | 1 | ----- | ----- | 1 | 0 | ----- |
| 5290 misc. mineral prod. | 1 | ----- | ----- | 1 | 0 | ----- |
| Subtotal primary non-ferrous metal products | 0 | ----- | ----- | ----- | 0 | ----- |
| 5480 fab. metal products | 0 | ----- | ----- | ----- | 0 | ----- |
| Total food and farm products | 5 | 1 | ----- | 3 | 0 | ----- |
| Subtotal fish | 5 | 1 | ----- | 3 | 0 | ----- |
| 6134 fish (not shellfish) | 3 | 1 | ----- | 3 | 0 | ----- |
| 6136 shellfish | 1 | 0 | ----- | 1 | ----- | ----- |
| Total all manufactured equipment, machinery and products | 2 | 0 | 0 | 0 | 1 | ----- |
| 7110 machinery (not elec) | 0 | ----- | ----- | 0 | 0 | ----- |
| 7210 vehicles & parts | 1 | ----- | ----- | ----- | 1 | ----- |
| 7400 manufac. wood prod. | 0 | ----- | 0 | 0 | 0 | ----- |
| 7900 manufac. prod. nec | 0 | 0 | 0 | ----- | 0 | ----- |

BELLINGHAM BAY AND HARBOR, WA

Section Included: Bellingham Bay and Chuckanut Bay from the wharf of the Olympic Portland Cement Company on the north to and including Chuckanut Inter-Island Ferry Slip on the south. Controlling Depth: Whatcom Creek Waterway, 8.9 to 25.8 feet; Squalicum Creek Waterway, 23.2 feet, from deep water to turning basin, 19.7 feet in turning basin, 11.8 feet from sta. 16 + 00 to 5 + 40; I & J St. Waterway, 11.0 ft. Project Depth: Whatcom Creek Waterway, 18 to 30 feet; Squalicum Creek Waterway, 26 feet over the entire waterway. I & J Street Waterway 18 feet over the entire waterway. All depths refer to mllw.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 1,327 | 1990 | 1,303 |
| 1986 | 1,776 | 1991 | 1,482 |
| 1987 | 2,104 | 1992 | 1,383 |
| 1988 | 1,867 | 1993 | 1,223 |
| 1989 | 1,769 | 1994 | 1,343 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|--|------------|-----------|------------|------------|------------|
| | | Imports | Exports | Imports | Exports |
| Total, all commodities | 717 | 38 | 365 | 101 | 213 |
| Total petroleum and petroleum products | 171 | ----- | 133 | 4 | 34 |
| Subtotal petroleum products | 171 | ----- | 133 | 4 | 34 |
| 2211 gasoline | 4 | ----- | ----- | 4 | ----- |
| 2330 distillate fuel oil | 102 | ----- | 80 | ----- | 22 |
| 2340 residual fuel oil | 65 | ----- | 53 | ----- | 12 |
| 2350 lube oil & greases | 0 | ----- | 0 | ----- | ----- |
| Total chemicals and related products | 67 | ----- | 45 | ----- | 22 |
| Subtotal other chemicals and related products | 67 | ----- | 45 | ----- | 22 |
| 3240 nitrogen func. comp. | 0 | ----- | ----- | ----- | 0 |
| 3274 sodium hydroxide | 1 | ----- | ----- | ----- | 1 |
| 3275 inorg. elem., oxides, & halogen salts | 1 | ----- | ----- | ----- | 1 |
| 3276 metallic salts | 20 | ----- | ----- | ----- | 20 |
| 3291 pesticides | 0 | ----- | ----- | ----- | 0 |
| 3292 starches, gluten, glue | 0 | ----- | ----- | ----- | 0 |
| 3298 wood & resin chem. | 45 | ----- | 45 | ----- | ----- |
| Total crude materials, inedible except fuels | 372 | 35 | 96 | 92 | 148 |
| Subtotal forest products, wood and chips | 143 | ----- | 6 | 52 | 85 |
| 4161 wood chips | 87 | ----- | ----- | 2 | 85 |
| 4170 wood in the rough | 56 | ----- | 5 | 51 | ----- |
| 4189 lumber | 0 | ----- | 0 | ----- | ----- |
| Subtotal pulp and waste paper | 91 | ----- | 91 | 0 | 0 |
| 4225 pulp & waste paper | 91 | ----- | 91 | 0 | 0 |
| Subtotal soil, sand, gravel, rock and stone | 106 | 4 | ----- | 39 | 63 |
| 4322 limestone | 32 | ----- | ----- | 32 | ----- |
| 4323 gypsum | 15 | 4 | ----- | 8 | 4 |
| 4331 sand & gravel | 59 | ----- | ----- | ----- | 59 |

BELLINGHAM BAY AND HARBOR, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | | Canadian | |
|---|-----------|-----------|-----------|----------|----------|
| | | Imports | Exports | Imports | Exports |
| Subtotal non-ferrous ores and scrap | 31 | 31 | ----- | ----- | ----- |
| 4650 aluminum ore | 31 | 31 | ----- | ----- | ----- |
| Total primary manufactured goods | 67 | 2 | 62 | 1 | 1 |
| Subtotal paper products | 3 | ----- | 1 | 1 | ----- |
| 5110 newsprint | 3 | ----- | 1 | 1 | ----- |
| Subtotal lime, cement and glass | 0 | 0 | ----- | ----- | 0 |
| 5290 misc. mineral prod. | 0 | 0 | ----- | ----- | 0 |
| Subtotal primary iron and steel products | 3 | 2 | ----- | ----- | 1 |
| 5330 i&s plates & sheets | 2 | 2 | ----- | ----- | ----- |
| 5370 i&s pipe & tube | 0 | 0 | ----- | ----- | ----- |
| 5390 primary i&s nec | 1 | ----- | ----- | ----- | 1 |
| Subtotal primary non-ferrous metal products | 61 | ----- | 61 | ----- | 0 |
| 5422 aluminum | 61 | ----- | 61 | ----- | ----- |
| 5480 fab. metal products | 0 | ----- | ----- | ----- | 0 |
| Total food and farm products | 34 | 0 | 28 | 3 | 2 |
| Subtotal fish | 4 | ----- | ----- | 3 | 1 |
| 6134 fish (not shellfish) | 4 | ----- | ----- | 3 | 1 |
| Subtotal vegetable products | 8 | ----- | 8 | ----- | ----- |
| 6654 vegetables & prod. | 8 | ----- | 8 | ----- | ----- |
| Subtotal processed grain and animal feed | 0 | ----- | ----- | ----- | 0 |
| 6782 animal feed, prep. | 0 | ----- | ----- | ----- | 0 |
| Subtotal other agricultural products | 21 | 0 | 20 | ----- | 1 |
| 6811 meat, fresh, frozen | 12 | ----- | 12 | ----- | ----- |
| 6817 meat, prepared | 0 | ----- | 0 | ----- | ----- |
| 6822 dairy products | 0 | ----- | 0 | ----- | ----- |
| 6838 tallow, animal oils | 7 | ----- | 7 | ----- | ----- |
| 6839 animals & prod. nec | 1 | ----- | ----- | ----- | 1 |
| 6857 fruit & nuts nec | 0 | ----- | 0 | ----- | ----- |
| 6858 fruit juices | 0 | ----- | 0 | ----- | 0 |
| 6885 alcoholic beverages | 0 | ----- | 0 | ----- | 0 |
| 6889 food products nec | 0 | ----- | 0 | ----- | 0 |
| 6899 farm products nec | 0 | 0 | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 7 | 0 | 0 | 0 | 6 |
| 7110 machinery (not elec) | 6 | ----- | 0 | ----- | 6 |
| 7120 electrical machinery | 0 | ----- | 0 | ----- | 0 |
| 7210 vehicles & parts | 0 | ----- | 0 | ----- | ----- |
| 7230 ships & boats | 0 | ----- | ----- | 0 | 0 |
| 7400 manufac. wood prod. | 0 | ----- | ----- | ----- | 0 |
| 7500 textile products | 0 | ----- | 0 | ----- | 0 |
| 7900 manufac. prod. nec | 1 | 0 | 0 | ----- | 1 |
| Total unknown or not elsewhere classified | 0 | ----- | 0 | 0 | 0 |
| 9900 unknown or nec | 0 | ----- | 0 | 0 | 0 |

BELLINGHAM BAY AND HARBOR, WA
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | |
|---|------------|------------|------------|-----------|------------|
| | | Coastwise | | Internal | |
| | | Receipts | Shipments | Receipts | Shipments |
| Total, all commodities | 626 | 324 | 125 | 66 | 111 |
| Total petroleum and petroleum products | 23 | 1 | 4 | 2 | 15 |
| Subtotal petroleum products | 23 | 1 | 4 | 2 | 15 |
| 2211 gasoline | 1 | 1 | | | |
| 2330 distillate fuel oil | 4 | | 4 | | |
| 2340 residual fuel oil | 2 | | | 2 | |
| 2429 naphtha & solvents | 15 | | | | 15 |
| Total chemicals and related products | 86 | | 86 | | |
| Subtotal other chemicals and related products | 86 | | 86 | | |
| 3220 alcohols | 2 | | 2 | | |
| 3298 wood & resin chem. | 84 | | 84 | | |
| Total crude materials, inedible except fuels | 440 | 320 | 34 | 49 | 37 |
| Subtotal forest products, wood and chips | 300 | 201 | 34 | 28 | 37 |
| 4150 fuel wood | 22 | 22 | | | |
| 4161 wood chips | 177 | 177 | | | |
| 4170 wood in the rough | 65 | | | 28 | 37 |
| 4189 lumber | 37 | 3 | 34 | | |
| Subtotal pulp and waste paper | 21 | | | 21 | |
| 4225 pulp & waste paper | 21 | | | 21 | |
| Subtotal other non-metal. min. | 119 | 119 | | | |
| 4900 non-metal. min. nec | 119 | 119 | | | |
| Total primary manufactured goods | 61 | | | 2 | 59 |
| Subtotal lime, cement and glass | 61 | | | 2 | 59 |
| 5220 cement & concrete | 59 | | | 2 | 57 |
| 5290 misc. mineral prod. | 2 | | | | 2 |
| Total food and farm products | 16 | 2 | | 13 | |
| Subtotal fish | 16 | 2 | | 13 | |
| 6134 fish (not shellfish) | 14 | 2 | | 13 | |
| 6136 shellfish | 1 | 0 | | 1 | |
| Total all manufactured equipment, machinery and products | 1 | 0 | 1 | | |
| 7110 machinery (not elec) | 1 | | 1 | | |
| 7900 manufac. prod. nec | 0 | 0 | | | |

Other Harbors and Waterways

| Harbor or Waterway | Commodity | Tons Thousand |
|--|-------------------------------|------------------|
| Project | | |
| BLAINE HARBOR, WA | 3276 metallic salts | 0 |
| | 3285 perfumes & cleansers | 0 |
| | 4189 lumber | 0 |
| | 4225 pulp & waste paper | 0 |
| | 5120 paper & paperboard | 0 |
| | 5190 paper products nec | 0 |
| | 5290 misc. mineral prod. | 0 |
| | 5370 i&s pipe & tube | 0 |
| | 5429 smelted prod. nec | 0 |
| | 5480 fab. metal products | 0 |
| | 5540 primary wood prod. | 0 |
| | 6134 fish (not shellfish) | 1 |
| | 6747 grain mill products | 0 |
| | 6782 animal feed, prep. | 0 |
| | 6835 fish, prepared | 0 |
| | 6885 alcoholic beverages | 0 |
| | 6889 food products nec | 0 |
| | 7110 machinery (not elec) | 0 |
| | 7120 electrical machinery | 0 |
| | 7600 rubber & plastic pr. | 0 |
| | 7900 manufac. prod. nec | 0 |
| | Total Tons(x1000) | 3 |
| COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS, WA | No Commerce Reported | |
| FLATHEAD LAKE, MT | No Commerce Reported | |
| HOQUIAM RIVER, WA | No Commerce Reported | |
| KOOTENAI RIVER, ID AND MT | No Commerce Reported | |
| NEAH BAY, WA | 5480 fab. metal products | 0 |
| | 6134 fish (not shellfish) | 2 |
| | 6136 shellfish | 1 |
| | 7110 machinery (not elec) | 0 |
| | Total Tons(x1000) | 3 |
| QUILLAYUTE RIVER, WA | 6134 fish (not shellfish) | 8 |
| | 6136 shellfish | 7 |
| | Total Tons(x1000) | 15 |
| | Total Ton-miles(x1000) | 15 |
| SKAGIT RIVER, WA | 6134 fish (not shellfish) | 0 |
| | Total Tons(x1000) | 0 |
| | Total Ton-miles(x1000) | 0 |
| STILLAGUAMISH RIVER, WA | No Commerce Reported | |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|--|-------------------------------|------------------|
| Project | | |
| WATERWAY CONNECTING PORT TOWNSEND BAY AND OAK BAY, WA | 4170 wood in the rough | 159 |
| | Total Tons(x1000) | 159 |
| | Total Ton-miles(x1000) | 910 |
| WILLAPA RIVER AND HARBOR, AND NASELLE RIVER, WA | 4161 wood chips | 24 |
| | 6134 fish (not shellfish) | 0 |
| | 6136 shellfish | 1 |
| | Total Tons(x1000) | 26 |
| Non-project | | |
| COEUR D ALENE LAKE AND ST. JOE RIVER, ID | 4170 wood in the rough | 576 |
| | Total Tons(x1000) | 576 |
| | Total Ton-miles(x1000) | 9,069 |
| OTHER PUGET SOUND AREA PORTS, WA (NET) | 2100 crude petroleum | 14,853 |
| | 2211 gasoline | 1,883 |
| | 2221 kerosene | 60 |
| | 2330 distillate fuel oil | 827 |
| | 2340 residual fuel oil | 1,439 |
| | 2350 lube oil & greases | 177 |
| | 2429 naphtha & solvents | 148 |
| | 2430 asphalt, tar & pitch | 85 |
| | 2640 liquid natural gas | 118 |
| | 2990 petro. products nec | 2 |
| | 4170 wood in the rough | 912 |
| | 4189 lumber | 1 |
| | 4225 pulp & waste paper | 0 |
| | 4323 gypsum | 8 |
| | 4331 sand & gravel | 2,873 |
| | 4650 aluminum ore | 276 |
| | 4690 non-ferrous ores nec | 0 |
| | 4782 clay & refrac. mat. | 63 |
| | 4900 non-metal. min. nec | 0 |
| | 5290 misc. mineral prod. | 1 |
| | 5480 fab. metal products | 1 |
| | 6134 fish (not shellfish) | 1 |
| | 6136 shellfish | 1 |
| | 6782 animal feed, prep. | 0 |
| | 6889 food products nec | 0 |
| | 7110 machinery (not elec) | 1 |
| | 7210 vehicles & parts | 1 |
| | 7230 ships & boats | 0 |
| | 7400 manufac. wood prod. | 0 |
| | 7600 rubber & plastic pr. | 0 |
| | 7900 manufac. prod. nec | 0 |
| | 8900 waste and scrap nec | 0 |
| | Total Tons(x1000) | 23,730 |

METLAKATLA HARBOR, AK

Section Included: From the boat basin west of Village Point to and including the exiting Chip Mill Dock east of the present City Dock. Controlling Depth: 25 feet at base of cannery wharf, 10 feet in boat basin, 40 feet at City Dock and 15 feet at Chip Mill Dock. Project Depth: 10 feet in present boat basin and 15 feet in proposed boat basin. All depths refer to mllw.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 135 | 1990 | 546 |
| 1986 | 220 | 1991 | 490 |
| 1987 | 471 | 1992 | 554 |
| 1988 | 180 | 1993 | 683 |
| 1989 | 568 | 1994 | 560 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | Domestic | | | | |
|--|----------------|------------|----------|------------|-----------|-----------|------------|-----------|
| | | Exports | Imports | Total | Coastwise | Internal | | |
| | | | | | Receipts | Shipments | Receipts | Shipments |
| Total, all commodities | 560 | 210 | 4 | 346 | 11 | 13 | 235 | 87 |
| Total coal | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- |
| 1100 coal lignite | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- |
| Total petroleum and petroleum products | 1 | ----- | ----- | 1 | 0 | ----- | 1 | ----- |
| Subtotal petroleum products | 1 | ----- | ----- | 1 | 0 | ----- | 1 | ----- |
| 2211 gasoline | 0 | ----- | ----- | 0 | ----- | ----- | 0 | ----- |
| 2330 distillate fuel oil | 0 | ----- | ----- | 0 | ----- | ----- | 0 | ----- |
| 2990 petro. products nec | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- |
| Total chemicals and related products | 0 | ----- | ----- | 0 | 0 | 0 | 0 | ----- |
| Subtotal other chemicals and related products | 0 | ----- | ----- | 0 | 0 | 0 | 0 | ----- |
| 3293 explosives | 0 | ----- | ----- | 0 | ----- | ----- | 0 | ----- |
| 3299 chem. products nec | 0 | ----- | ----- | 0 | 0 | 0 | ----- | ----- |
| Total crude materials, inedible except fuels | 544 | 210 | 4 | 330 | 7 | 4 | 233 | 86 |
| Subtotal forest products, wood and chips | 543 | 210 | 4 | 329 | 7 | 4 | 233 | 86 |
| 4110 rubber & gums | 0 | ----- | ----- | 0 | 0 | 0 | ----- | ----- |
| 4161 wood chips | 74 | ----- | ----- | 74 | ----- | ----- | ----- | 74 |
| 4170 wood in the rough | 406 | 151 | 4 | 251 | 7 | ----- | 233 | 12 |
| 4189 lumber | 63 | 59 | ----- | 4 | 0 | 4 | ----- | 0 |
| 4190 forest products nec | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- |
| Subtotal pulp and waste paper | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- |
| 4225 pulp & waste paper | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- |

METLAKATLA HARBOR, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | Domestic | | | |
|---|----------------|----------|----------|----------|-----------|-----------|--------------------|
| | | Exports | Imports | Total | Coastwise | | Internal |
| | | | | | Receipts | Shipments | Receipts Shipments |
| Subtotal soil, sand, gravel, rock and stone | 1 | ----- | ----- | 1 | ----- | ----- | 1 ----- |
| 4331 sand & gravel | 1 | ----- | ----- | 1 | ----- | ----- | 1 ----- |
| Subtotal iron ore and scrap | 0 | ----- | ----- | 0 | ----- | 0 | ----- |
| 4420 iron & steel scrap | 0 | ----- | ----- | 0 | ----- | 0 | ----- |
| Total primary manufactured goods | 2 | ----- | ----- | 2 | 2 | 0 | 0 ----- |
| Subtotal paper products | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| 5190 paper products nec | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| Subtotal lime, cement and glass | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| 5220 cement & concrete | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| 5240 glass & glass prod. | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| Subtotal primary non-ferrous metal products | 1 | ----- | ----- | 1 | 1 | 0 | 0 ----- |
| 5480 fab. metal products | 1 | ----- | ----- | 1 | 1 | 0 | 0 ----- |
| Total food and farm products | 5 | 0 | ----- | 5 | 1 | 4 | ----- |
| Subtotal other agricultural products | 5 | 0 | ----- | 5 | 1 | 4 | ----- |
| 6885 alcoholic beverages | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 6887 groceries | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| 6889 food products nec | 5 | ----- | ----- | 5 | 1 | 4 | ----- |
| Total all manufactured equipment, machinery and products | 8 | ----- | ----- | 8 | 1 | 5 | 1 1 |
| 7110 machinery (not elec) | 2 | ----- | ----- | 2 | 0 | 0 | 1 1 |
| 7120 electrical machinery | 0 | ----- | ----- | 0 | 0 | 0 | ----- |
| 7210 vehicles & parts | 0 | ----- | ----- | 0 | 0 | 0 | ----- |
| 7400 manufac. wood prod. | 4 | ----- | ----- | 4 | 0 | 4 | ----- |
| 7500 textile products | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | ----- | ----- | 0 | 0 | 0 | ----- |
| 7900 manufac. prod. nec | 1 | ----- | ----- | 1 | 0 | 1 | ----- |

KETCHIKAN HARBOR, AK

Section Included: Tongass Narrows from Point Higgins on the north to Mountain Point on the south and including Herring Bay on George Inlet. Controlling Depth: Main Harbor, adequate; small boat basins, Ketchikan Creek, 10.0 feet; Bar Point, 15 feet. Project Depth: No project depth for Main Harbor; small boat basins, 10 and 15 feet. All depths refer to mllw.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 1,800 | 1990 | 1,947 |
| 1986 | 2,072 | 1991 | 1,568 |
| 1987 | 2,444 | 1992 | 1,986 |
| 1988 | 2,005 | 1993 | 1,564 |
| 1989 | 2,294 | 1994 | 1,759 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Foreign | Canadian | |
|--|------------|------------|-----------|-----------|
| | | Exports | Imports | Exports |
| Total, all commodities | 641 | 527 | 16 | 98 |
| Total petroleum and petroleum products | 2 | ----- | 2 | ----- |
| Subtotal petroleum products | 2 | ----- | 2 | ----- |
| 2640 liquid natural gas | 2 | ----- | 2 | ----- |
| Total chemicals and related products | 1 | 1 | 0 | ----- |
| Subtotal other chemicals and related products | 1 | 1 | 0 | ----- |
| 3230 carboxylic acids | 0 | 0 | ----- | ----- |
| 3240 nitrogen func. comp. | 0 | 0 | ----- | ----- |
| 3250 organo- inorgan. comp | 0 | 0 | ----- | ----- |
| 3260 organic comp. nec | 0 | 0 | ----- | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 0 | 0 | ----- | ----- |
| 3276 metallic salts | 0 | 0 | ----- | ----- |
| 3282 pigments & paints | 0 | 0 | ----- | ----- |
| 3285 perfumes & cleansers | 0 | 0 | ----- | ----- |
| 3286 plastics | 0 | 0 | ----- | ----- |
| 3291 pesticides | 0 | 0 | ----- | ----- |
| 3293 explosives | 0 | ----- | 0 | ----- |
| 3297 chemical additives | 0 | 0 | ----- | ----- |
| 3298 wood & resin chem. | 0 | 0 | ----- | ----- |
| 3299 chem. products nec | 0 | 0 | ----- | ----- |
| Total crude materials, inedible except fuels | 596 | 520 | 12 | 64 |
| Subtotal forest products, wood and chips | 375 | 344 | 12 | 19 |
| 4170 wood in the rough | 312 | 281 | 12 | 19 |
| 4189 lumber | 63 | 63 | ----- | ----- |
| Subtotal pulp and waste paper | 176 | 176 | ----- | ----- |
| 4225 pulp & waste paper | 176 | 176 | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 45 | ----- | ----- | 45 |
| 4690 non-ferrous ores nec | 45 | ----- | ----- | 45 |

KETCHIKAN HARBOR, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Foreign | Canadian | |
|---|-----------|----------|----------|-----------|
| | | Exports | Imports | Exports |
| Subtotal sulphur, clay and salt | 0 | 0 | ----- | ----- |
| 4782 clay & refrac. mat. | 0 | 0 | ----- | ----- |
| Total primary manufactured goods | 4 | 3 | 0 | 0 |
| Subtotal paper products | 0 | 0 | ----- | 0 |
| 5120 paper & paperboard | 0 | 0 | ----- | ----- |
| 5190 paper products nec | 0 | 0 | ----- | 0 |
| Subtotal lime, cement and glass | 0 | ----- | 0 | ----- |
| 5290 misc. mineral prod. | 0 | ----- | 0 | ----- |
| Subtotal primary iron and steel products | 3 | 3 | ----- | ----- |
| 5330 i&s plates & sheets | 3 | 3 | ----- | ----- |
| Subtotal primary non-ferrous metal products | 0 | 0 | ----- | ----- |
| 5480 fab. metal products | 0 | 0 | ----- | ----- |
| Total food and farm products | 7 | 2 | 0 | 5 |
| Subtotal fish | 5 | 0 | 0 | 4 |
| 6134 fish (not shellfish) | 5 | 0 | 0 | 4 |
| 6136 shellfish | 0 | ----- | ----- | 0 |
| Subtotal processed grain and animal feed | 1 | 1 | ----- | ----- |
| 6747 grain mill products | 0 | 0 | ----- | ----- |
| 6782 animal feed, prep. | 1 | 1 | ----- | ----- |
| Subtotal other agricultural products | 1 | 0 | ----- | 1 |
| 6835 fish, prepared | 1 | 0 | ----- | 1 |
| 6889 food products nec | 0 | 0 | ----- | ----- |
| Total all manufactured equipment, machinery and products | 32 | 2 | 0 | 30 |
| 7110 machinery (not elec) | 30 | 0 | 0 | 30 |
| 7120 electrical machinery | 0 | 0 | ----- | ----- |
| 7210 vehicles & parts | 2 | 2 | 0 | ----- |
| 7500 textile products | 0 | 0 | ----- | ----- |
| 7600 rubber & plastic pr. | 0 | 0 | 0 | ----- |
| 7900 manufac. prod. nec | 0 | 0 | 0 | ----- |
| Total unknown or not elsewhere classified | 0 | ----- | 0 | ----- |
| 9900 unknown or nec | 0 | ----- | 0 | ----- |

KETCHIKAN HARBOR, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Domestic | | | | |
|--|--------------|------------|-----------|------------|-----------|-----------|
| | | Coastwise | | Internal | | |
| | | Receipts | Shipments | Receipts | Shipments | Intraport |
| Total, all commodities | 1,118 | 311 | 83 | 630 | 90 | 5 |
| Total coal | 1 | 1 | 0 | ----- | ----- | ----- |
| 1100 coal lignite | 1 | 1 | 0 | ----- | ----- | ----- |
| Total petroleum and petroleum products | 251 | 177 | 9 | 0 | 63 | 2 |
| Subtotal petroleum products | 251 | 177 | 9 | 0 | 63 | 2 |
| 2211 gasoline | 53 | 42 | 1 | 0 | 9 | 0 |
| 2330 distillate fuel oil | 149 | 87 | 7 | ----- | 53 | 2 |
| 2340 residual fuel oil | 46 | 46 | ----- | ----- | ----- | ----- |
| 2350 lube oil & greases | 0 | 0 | ----- | 0 | 0 | ----- |
| 2640 liquid natural gas | 0 | 0 | 0 | 0 | 0 | ----- |
| 2990 petro. products nec | 2 | 2 | 0 | ----- | 0 | ----- |
| Total chemicals and related products | 30 | 29 | 1 | 0 | 1 | ----- |
| Subtotal fertilizers | 0 | ----- | ----- | ----- | 0 | ----- |
| 3190 fert. & mixes nec | 0 | ----- | ----- | ----- | 0 | ----- |
| Subtotal other chemicals and related products | 30 | 29 | 1 | 0 | 0 | ----- |
| 3272 sulphuric acid | 1 | 1 | ----- | ----- | ----- | ----- |
| 3273 ammonia | 0 | 0 | ----- | ----- | ----- | ----- |
| 3274 sodium hydroxide | 18 | 18 | ----- | ----- | ----- | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 3 | 3 | ----- | ----- | ----- | ----- |
| 3282 pigments & paints | 1 | 1 | ----- | ----- | 0 | ----- |
| 3286 plastics | 1 | 1 | ----- | ----- | ----- | ----- |
| 3293 explosives | 0 | ----- | 0 | 0 | 0 | ----- |
| 3299 chem. products nec | 6 | 5 | 1 | ----- | ----- | ----- |
| Total crude materials, inedible except fuels | 680 | 14 | 32 | 620 | 12 | 1 |
| Subtotal forest products, wood and chips | 669 | 12 | 29 | 620 | 7 | 1 |
| 4110 rubber & gums | 0 | 0 | 0 | ----- | ----- | ----- |
| 4161 wood chips | 106 | ----- | ----- | 106 | ----- | ----- |
| 4170 wood in the rough | 532 | 6 | 4 | 515 | 6 | 1 |
| 4189 lumber | 31 | 5 | 25 | ----- | 1 | 0 |
| 4190 forest products nec | 1 | 1 | 0 | 0 | ----- | ----- |
| Subtotal pulp and waste paper | 3 | 0 | 3 | ----- | ----- | ----- |
| 4225 pulp & waste paper | 3 | 0 | 3 | ----- | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 5 | 0 | ----- | ----- | 5 | ----- |
| 4331 sand & gravel | 5 | ----- | ----- | ----- | 5 | ----- |
| 4338 soil & fill dirt | 0 | 0 | ----- | ----- | 0 | ----- |
| Subtotal iron ore and scrap | 1 | ----- | 1 | 0 | 0 | ----- |
| 4420 iron & steel scrap | 1 | ----- | 1 | 0 | 0 | ----- |
| Subtotal sulphur, clay and salt | 2 | 2 | ----- | ----- | ----- | ----- |
| 4741 sulphur, (dry) | 2 | 2 | ----- | ----- | ----- | ----- |
| 4782 clay & refrac. mat. | 0 | 0 | ----- | ----- | ----- | ----- |

KETCHIKAN HARBOR, AK
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Total | Domestic | | | | |
|---|-----------|-----------|-----------|----------|-----------|-----------|
| | | Coastwise | | Internal | | Intraport |
| | | Receipts | Shipments | Receipts | Shipments | |
| Subtotal other non-metal. min. | 0 | 0 | | | | |
| 4900 non-metal. min. nec | 0 | 0 | | | | |
| Total primary manufactured goods | 27 | 23 | 2 | 0 | 1 | |
| Subtotal paper products | 2 | 2 | 0 | 0 | 0 | |
| 5110 newsprint | 1 | 1 | | | | |
| 5190 paper products nec | 1 | 1 | 0 | 0 | 0 | |
| Subtotal lime, cement and glass | 7 | 7 | 0 | 0 | 0 | |
| 5220 cement & concrete | 3 | 3 | 0 | | | |
| 5240 glass & glass prod. | 2 | 2 | 0 | 0 | | |
| 5290 misc. mineral prod. | 2 | 2 | | | 0 | |
| Subtotal primary iron and steel products | 0 | 0 | | | 0 | |
| 5360 i&s bars & shapes | 0 | 0 | | | | |
| 5370 i&s pipe & tube | 0 | 0 | | | 0 | |
| 5390 primary i&s nec | 0 | 0 | | | | |
| Subtotal primary non-ferrous metal products | 18 | 15 | 2 | 0 | 1 | |
| 5480 fab. metal products | 18 | 15 | 2 | 0 | 1 | |
| Subtotal primary wood products | 0 | 0 | | | 0 | |
| 5540 primary wood prod. | 0 | 0 | | | 0 | |
| Total food and farm products | 37 | 20 | 13 | 1 | 3 | |
| Subtotal fish | 12 | 0 | 10 | 1 | 0 | |
| 6134 fish (not shellfish) | 12 | 0 | 10 | 1 | 0 | |
| 6136 shellfish | 0 | | 0 | 0 | | |
| Subtotal vegetable products | 0 | 0 | | | | |
| 6654 vegetables & prod. | 0 | 0 | | | | |
| Subtotal other agricultural products | 24 | 20 | 2 | 0 | 2 | |
| 6811 meat, fresh, frozen | 0 | 0 | 0 | | | |
| 6835 fish, prepared | 1 | | 1 | 0 | | |
| 6858 fruit juices | 0 | 0 | | | | |
| 6885 alcoholic beverages | 1 | 1 | | | | |
| 6887 groceries | 5 | 3 | | | 2 | |
| 6889 food products nec | 18 | 16 | 2 | 0 | 0 | |
| 6891 tobacco & products | 0 | 0 | | | | |
| Total all manufactured equipment, machinery and products | 92 | 47 | 26 | 8 | 10 | 1 |
| 7110 machinery (not elec) | 19 | 4 | 1 | 6 | 7 | 1 |
| 7120 electrical machinery | 2 | 2 | 0 | 0 | 0 | |
| 7210 vehicles & parts | 7 | 4 | 2 | 0 | 0 | |
| 7230 ships & boats | 2 | 0 | 1 | 1 | 0 | |
| 7400 manufac. wood prod. | 21 | 4 | 16 | 0 | 1 | |
| 7500 textile products | 1 | 1 | 0 | 0 | | |
| 7600 rubber & plastic pr. | 0 | 0 | 0 | 0 | 0 | |
| 7900 manufac. prod. nec | 40 | 30 | 7 | 1 | 2 | |

WRANGELL HARBOR, AK

Section Included: Shoreline of Wrangell Island from the Airplane Landing near the base of Point Shekesti to Point Highfield on the north. Controlling Depth: Main and inner harbor 10 feet. Project Depths: Both mooring basins, 10 feet at mlw.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 365 | 1990 | 316 |
| 1986 | 386 | 1991 | 308 |
| 1987 | 564 | 1992 | 325 |
| 1988 | 524 | 1993 | 691 |
| 1989 | 438 | 1994 | 565 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | Domestic | | | | |
|--|----------------|-----------|------------|-----------|------------|------------|------------|
| | | Exports | Total | Coastwise | | Internal | |
| | | | Receipts | Shipments | Receipts | Shipments | |
| Total, all commodities | 564 | 36 | 528 | 17 | 216 | 162 | 134 |
| Total coal | 0 | ----- | 0 | 0 | ----- | ----- | ----- |
| 1100 coal lignite | 0 | ----- | 0 | 0 | ----- | ----- | ----- |
| Total petroleum and petroleum products | 8 | ----- | 8 | 1 | 0 | 7 | 0 |
| Subtotal petroleum products | 8 | ----- | 8 | 1 | 0 | 7 | 0 |
| 2211 gasoline | 1 | ----- | 1 | 0 | 0 | 1 | 0 |
| 2330 distillate fuel oil | 7 | ----- | 7 | 1 | ----- | 6 | ----- |
| 2350 lube oil & greases | 0 | ----- | 0 | 0 | 0 | ----- | ----- |
| 2640 liquid natural gas | 0 | ----- | 0 | 0 | 0 | 0 | 0 |
| 2990 petro. products nec | 0 | ----- | 0 | 0 | ----- | 0 | ----- |
| Total chemicals and related products | 1 | ----- | 1 | 1 | 0 | ----- | 0 |
| Subtotal fertilizers | 0 | ----- | 0 | 0 | ----- | ----- | ----- |
| 3110 nitrogenous fert. | 0 | ----- | 0 | 0 | ----- | ----- | ----- |
| 3190 fert. & mixes nec | 0 | ----- | 0 | 0 | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 1 | ----- | 1 | 1 | 0 | ----- | 0 |
| 3275 inorg. elem.,oxides, & halogen salts | 0 | ----- | 0 | 0 | ----- | ----- | ----- |
| 3276 metallic salts | 0 | ----- | 0 | 0 | ----- | ----- | ----- |
| 3282 pigments & paints | 0 | ----- | 0 | 0 | 0 | ----- | ----- |
| 3299 chem. products nec | 0 | ----- | 0 | 0 | 0 | ----- | 0 |
| Total crude materials, inedible except fuels | 504 | 36 | 467 | 1 | 182 | 153 | 131 |
| Subtotal forest products, wood and chips | 478 | 36 | 441 | 1 | 179 | 135 | 127 |
| 4110 rubber & gums | 0 | ----- | 0 | 0 | 0 | ----- | ----- |
| 4150 fuel wood | 22 | 0 | 22 | ----- | 22 | ----- | ----- |
| 4161 wood chips | 158 | ----- | 158 | ----- | 127 | ----- | 32 |

WRANGELL HARBOR, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | Domestic | | | |
|--|----------------|--------------|-----------|--------------|--------------|--------------|
| | | Exports | Total | Coastwise | Internal | |
| | | | Receipts | Shipments | Receipts | Shipments |
| 4170 wood in the rough | 235 | 6 | 229 | ----- | 134 | 95 |
| 4189 lumber | 62 | 30 | 32 | 1 31 | 1 | ----- |
| 4190 forest products nec | 0 | ----- | 0 | 0 | ----- | ----- |
| Subtotal pulp and waste paper | 0 | ----- | 0 | 0 | ----- | ----- |
| 4225 pulp & waste paper | 0 | ----- | 0 | 0 | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 23 | ----- | 23 | ----- | 18 | 5 |
| 4331 sand & gravel | 23 | ----- | 23 | ----- | 18 | 5 |
| Subtotal iron ore and scrap | 1 | ----- | 1 | 0 | 1 | 0 |
| 4420 iron & steel scrap | 1 | ----- | 1 | 0 | 1 | 0 |
| Subtotal non-ferrous ores and scrap | 3 | ----- | 3 | ----- | 3 | ----- |
| 4690 non-ferrous ores nec | 3 | ----- | 3 | ----- | 3 | ----- |
| Subtotal other non-metal. min. | 0 | ----- | 0 | 0 | ----- | ----- |
| 4900 non-metal. min. nec | 0 | ----- | 0 | 0 | ----- | ----- |
| Total primary manufactured goods | 4 | ----- | 4 | 4 | 0 | 0 |
| Subtotal paper products | 0 | ----- | 0 | 0 | ----- | ----- |
| 5190 paper products nec | 0 | ----- | 0 | 0 | ----- | ----- |
| Subtotal lime, cement and glass | 2 | ----- | 2 | 2 | 0 | 0 |
| 5220 cement & concrete | 1 | ----- | 1 | 1 | 0 | 0 |
| 5240 glass & glass prod. | 1 | ----- | 1 | 1 | 0 | ----- |
| 5290 misc. mineral prod. | 0 | ----- | 0 | 0 | 0 | ----- |
| Subtotal primary iron and steel products | 0 | ----- | 0 | 0 | ----- | ----- |
| 5360 i&s bars & shapes | 0 | ----- | 0 | 0 | ----- | ----- |
| 5370 i&s pipe & tube | 0 | ----- | 0 | 0 | ----- | ----- |
| 5390 primary i&s nec | 0 | ----- | 0 | 0 | ----- | ----- |
| Subtotal primary non-ferrous metal products | 2 | ----- | 2 | 2 | 0 | 0 |
| 5480 fab. metal products | 2 | ----- | 2 | 2 | 0 | 0 |
| Subtotal primary wood products | 0 | ----- | 0 | 0 | 0 | ----- |
| 5540 primary wood prod. | 0 | ----- | 0 | 0 | 0 | ----- |
| Total food and farm products | 6 | 0 | 6 | 3 | 3 | 0 |
| Subtotal fish | 2 | 0 | 2 | ----- | 2 | ----- |
| 6134 fish (not shellfish) | 2 | 0 | 2 | ----- | 2 | ----- |
| Subtotal vegetable products | 0 | ----- | 0 | 0 | ----- | ----- |
| 6654 vegetables & prod. | 0 | ----- | 0 | 0 | ----- | ----- |
| Subtotal other agricultural products | 4 | ----- | 4 | 3 | 1 | 0 |
| 6811 meat, fresh, frozen | 0 | ----- | 0 | 0 | ----- | ----- |
| 6835 fish, prepared | 0 | ----- | 0 | ----- | 0 | 0 |
| 6858 fruit juices | 0 | ----- | 0 | 0 | ----- | ----- |
| 6885 alcoholic beverages | 0 | ----- | 0 | 0 | ----- | ----- |
| 6887 groceries | 0 | ----- | 0 | 0 | 0 | ----- |

WRANGELL HARBOR, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | Domestic | | | |
|---|-------------|---------|-----------|--------------------|--------------------|------------|
| | | Exports | Total | Coastwise | Internal | |
| | | | | Receipts Shipments | Receipts Shipments | |
| 6889 food products nec | 4 | ----- | 4 | 3 | 1 | ----- |
| Total all manufactured equipment, machinery and products | 41 | ----- | 41 | 7 | 30 | 2 2 |
| 7110 machinery (not elec) | 6 | ----- | 6 | 2 | 1 | 1 2 |
| 7120 electrical machinery | 0 | ----- | 0 | 0 | ----- | ----- |
| 7210 vehicles & parts | 1 | ----- | 1 | 1 | 0 | 0 0 |
| 7230 ships & boats | 0 | ----- | 0 | 0 | 0 | 0 0 |
| 7400 manufac. wood prod. | 29 | ----- | 29 | 1 | 27 | 1 ----- |
| 7500 textile products | 0 | ----- | 0 | 0 | 0 | ----- |
| 7600 rubber & plastic pr. | 0 | ----- | 0 | 0 | 0 | ----- |
| 7900 manufac. prod. nec | 4 | ----- | 4 | 3 | 1 | 0 0 |

WRANGELL NARROWS, AK

Section Included: Entire 24 mile long waterway. Controlling Depth: 26 feet in the anchorage basin and 24 feet in the authorized channel with exception of the area near Colorado Reef where a depth of 21.6 feet exists. Project Depth: 27 feet through Petersburg Bar; 26 feet in anchorage basin, vicinity of mile 14; all other, 24 feet. All depths refer to mlw.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|-------------|------------|
| 1985 | 751 | 1990 | 858 |
| 1986 | 548 | 1991 | 714 |
| 1987 | 875 | 1992 | 718 |
| 1988 | 739 | 1993 | 569 |
| 1989 | 939 | 1994 | 547 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Total | Coastwise | | | |
|---|------------|-----------|-----------|------------|-----------|
| | | Receipts | Shipments | Through | |
| | | | | Upbound | Downbnd |
| Total, all commodities | 269 | 23 | 14 | 185 | 46 |
| Total petroleum and petroleum products | 13 | 2 | ----- | 8 | 3 |
| Subtotal petroleum products | 13 | 2 | ----- | 8 | 3 |
| 2211 gasoline | 6 | 2 | ----- | 1 | 3 |
| 2330 distillate fuel oil | 2 | 0 | ----- | 2 | ----- |
| 2350 lube oil & greases | 1 | ----- | ----- | 1 | 0 |
| 2540 petroleum coke | 0 | ----- | ----- | 0 | ----- |
| 2640 liquid natural gas | 2 | 0 | ----- | 2 | 0 |

WRANGELL NARROWS, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Coastwise | | | |
|--|-----------|-----------|-----------|-----------|-----------|
| | | Receipts | Shipments | Through | |
| | | | | Upbound | Downbnd |
| 2990 petro. products nec | 1 | ----- | ----- | 1 | ----- |
| Total chemicals and related products | 3 | 1 | 0 | 3 | 0 |
| Subtotal fertilizers | 0 | ----- | ----- | 0 | ----- |
| 3110 nitrogenous fert. | 0 | ----- | ----- | 0 | ----- |
| 3190 fert. & mixes nec | 0 | ----- | ----- | 0 | ----- |
| Subtotal other chemicals and related products | 3 | 1 | 0 | 2 | 0 |
| 3220 alcohols | 1 | 0 | ----- | 1 | ----- |
| 3273 ammonia | 0 | ----- | 0 | ----- | ----- |
| 3275 inorg. elem., oxides, & halogen salts | 0 | ----- | ----- | 0 | ----- |
| 3276 metallic salts | 0 | ----- | ----- | 0 | ----- |
| 3282 pigments & paints | 1 | 1 | ----- | 1 | ----- |
| 3286 plastics | 0 | ----- | ----- | 0 | ----- |
| 3293 explosives | 0 | 0 | ----- | 0 | ----- |
| 3299 chem. products nec | 0 | ----- | ----- | 0 | 0 |
| Total crude materials, inedible except fuels | 43 | 1 | 0 | 31 | 11 |
| Subtotal forest products, wood and chips | 32 | 1 | ----- | 30 | 1 |
| 4150 fuel wood | 0 | ----- | ----- | 0 | ----- |
| 4170 wood in the rough | 21 | ----- | ----- | 20 | 1 |
| 4189 lumber | 11 | 1 | ----- | 10 | 0 |
| 4190 forest products nec | 0 | ----- | ----- | 0 | ----- |
| Subtotal pulp and waste paper | 0 | ----- | ----- | 0 | 0 |
| 4225 pulp & waste paper | 0 | ----- | ----- | 0 | 0 |
| Subtotal soil, sand, gravel, rock and stone | 0 | ----- | ----- | 0 | ----- |
| 4331 sand & gravel | 0 | ----- | ----- | 0 | ----- |
| 4338 soil & fill dirt | 0 | ----- | ----- | 0 | ----- |
| Subtotal Iron ore and scrap | 9 | ----- | 0 | ----- | 9 |
| 4420 iron & steel scrap | 9 | ----- | 0 | ----- | 9 |
| Subtotal non-ferrous ores and scrap | 0 | ----- | 0 | ----- | ----- |
| 4690 non-ferrous ores nec | 0 | ----- | 0 | ----- | ----- |
| Subtotal other non-metal. min. | 1 | 0 | ----- | 1 | 0 |
| 4900 non-metal. min. nec | 1 | 0 | ----- | 1 | 0 |
| Total primary manufactured goods | 31 | 5 | ----- | 26 | 1 |
| Subtotal paper products | 7 | 1 | ----- | 6 | 0 |
| 5110 newsprint | 0 | ----- | ----- | 0 | ----- |
| 5190 paper products nec | 7 | 1 | ----- | 5 | 0 |
| Subtotal lime, cement and glass | 11 | 0 | ----- | 11 | 0 |
| 5220 cement & concrete | 1 | 0 | ----- | 1 | ----- |
| 5240 glass & glass prod. | 0 | 0 | ----- | 0 | ----- |
| 5290 misc. mineral prod. | 10 | 0 | ----- | 10 | 0 |
| Subtotal primary Iron and steel products | 0 | ----- | ----- | 0 | ----- |
| 5360 i&s bars & shapes | 0 | ----- | ----- | 0 | ----- |
| 5370 i&s pipe & tube | 0 | ----- | ----- | 0 | ----- |
| 5390 primary i&s nec | 0 | ----- | ----- | 0 | ----- |

WRANGELL NARROWS, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Coastwise | | | |
|---|--------------|--------------|--------------|--------------|--------------|
| | | Receipts | Shipments | Through | |
| | | | | Upbound | Downbnd |
| Subtotal primary non-ferrous metal products | 12 | 3 | ----- | 9 | 0 |
| 5422 aluminum | 0 | ----- | ----- | ----- | 0 |
| 5480 fab. metal products | 12 | 3 | ----- | 9 | 0 |
| Subtotal primary wood products | 1 | ----- | ----- | 1 | ----- |
| 5540 primary wood prod. | 1 | ----- | ----- | 1 | ----- |
| Total food and farm products | 68 | 2 | 12 | 38 | 16 |
| Subtotal fish | 27 | 0 | 11 | 1 | 14 |
| 6134 fish (not shellfish) | 27 | 0 | 11 | 1 | 14 |
| 6136 shellfish | 0 | ----- | 0 | ----- | 0 |
| Subtotal vegetable products | 0 | 0 | ----- | 0 | 0 |
| 6654 vegetables & prod. | 0 | 0 | ----- | 0 | 0 |
| Subtotal processed grain and animal feed | 0 | ----- | ----- | 0 | ----- |
| 6781 hay & fodder | 0 | ----- | ----- | 0 | ----- |
| 6782 animal feed, prep. | 0 | ----- | ----- | 0 | ----- |
| Subtotal other agricultural products | 41 | 2 | 1 | 36 | 2 |
| 6811 meat, fresh, frozen | 0 | 0 | ----- | 0 | 0 |
| 6835 fish, prepared | 1 | ----- | 1 | ----- | ----- |
| 6858 fruit juices | 0 | 0 | ----- | 0 | 0 |
| 6885 alcoholic beverages | 5 | 1 | 0 | 4 | 1 |
| 6887 groceries | 23 | ----- | ----- | 22 | 1 |
| 6889 food products nec | 11 | 1 | ----- | 10 | ----- |
| 6899 farm products nec | 0 | ----- | ----- | 0 | ----- |
| Total all manufactured equipment, machinery and products | 111 | 13 | 2 | 80 | 16 |
| 7110 machinery (not elec) | 7 | 1 | 0 | 4 | 1 |
| 7120 electrical machinery | 5 | 1 | ----- | 4 | 0 |
| 7210 vehicles & parts | 10 | 1 | 0 | 6 | 3 |
| 7220 aircraft & parts | 0 | ----- | ----- | 0 | 0 |
| 7230 ships & boats | 1 | 0 | 0 | 0 | 0 |
| 7300 ordnance & access. | 0 | ----- | ----- | 0 | ----- |
| 7400 manufac. wood prod. | 8 | 1 | ----- | 7 | 0 |
| 7500 textile products | 2 | 0 | ----- | 1 | 0 |
| 7600 rubber & plastic pr. | 3 | 1 | 0 | 2 | 0 |
| 7900 manufac. prod. nec | 75 | 8 | 1 | 54 | 12 |
| Ton-miles (x1000) | 7,603 | | 333 | | 1,335 |
| Coastwise | | 505 | | 5,430 | |

WRANGELL NARROWS, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Internal | | | | | |
|--|------------|-----------|----------|----------|----------|-----------|------------|
| | | Inbound | | Outbound | | Through | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| Total, all commodities | 278 | 13 | 1 | 2 | 1 | 49 | 212 |
| Total petroleum and petroleum products | 51 | 11 | 0 | 0 | 0 | 39 | 0 |
| Subtotal petroleum products | 51 | 11 | 0 | 0 | 0 | 39 | 0 |
| 2211 gasoline | 8 | 1 | 0 | 0 | | 6 | 0 |
| 2330 distillate fuel oil | 43 | 10 | | | | 33 | 0 |
| 2350 lube oil & greases | 0 | 0 | | | | | 0 |
| 2640 liquid natural gas | 0 | 0 | | | 0 | 0 | 0 |
| 2990 petro. products nec | 0 | | | | | 0 | |
| Total chemicals and related products | 1 | 0 | | | | 1 | 0 |
| Subtotal fertilizers | 0 | | | | | 0 | |
| 3190 fert. & mixes nec | 0 | | | | | 0 | |
| Subtotal other chemicals and related products | 1 | 0 | | | | 1 | 0 |
| 3293 explosives | 1 | 0 | | | | 0 | 0 |
| 3299 chem. products nec | 0 | | | | | 0 | |
| Total crude materials, inedible except fuels | 211 | 1 | 0 | 0 | 0 | 3 | 207 |
| Subtotal forest products, wood and chips | 207 | 0 | 0 | 0 | 0 | 0 | 207 |
| 4170 wood in the rough | 207 | | 0 | 0 | 0 | 0 | 207 |
| 4189 lumber | 0 | 0 | | | | 0 | |
| Subtotal soil, sand, gravel, rock and stone | 3 | 1 | 0 | | | 2 | |
| 4331 sand & gravel | 3 | 1 | 0 | | | 2 | |
| 4338 soil & fill dirt | 0 | | | | | 0 | |
| Subtotal iron ore and scrap | 0 | | | | | 0 | 0 |
| 4410 iron ore | 0 | | | | | 0 | |
| 4420 iron & steel scrap | 0 | | | | | | 0 |
| Subtotal sulphur, clay and salt | 0 | | 0 | | | | |
| 4782 clay & refrac. mat. | 0 | | 0 | | | | |
| Total primary manufactured goods | 1 | 0 | 0 | 0 | | 1 | 0 |
| Subtotal paper products | 0 | 0 | | | | 0 | 0 |
| 5190 paper products nec | 0 | 0 | | | | 0 | 0 |
| Subtotal lime, cement and glass | 0 | | 0 | 0 | | 0 | 0 |
| 5220 cement & concrete | 0 | | 0 | 0 | | 0 | |
| 5240 glass & glass prod. | 0 | | | | | 0 | 0 |
| 5290 misc. mineral prod. | 0 | | | 0 | | 0 | 0 |
| Subtotal primary iron and steel products | 0 | | | | | 0 | |
| 5370 i&s pipe & tube | 0 | | | | | 0 | |
| Subtotal primary non-ferrous metal products | 0 | 0 | 0 | | | 0 | 0 |
| 5480 fab. metal products | 0 | 0 | 0 | | | 0 | 0 |

WRANGELL NARROWS, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Total | Internal | | | | | |
|---|---------------|------------|----------|----------|-----------|--------------|--------------|
| | | Inbound | | Outbound | | Through | |
| | | Upbound | Downbnd | Upbound | Downbnd | Upbound | Downbnd |
| Subtotal primary wood products | 0 | ----- | ----- | ----- | ----- | 0 | ----- |
| 5540 primary wood prod. | 0 | ----- | ----- | ----- | ----- | 0 | ----- |
| Total food and farm products | 4 | 0 | ----- | 0 | 0 | 2 | 1 |
| Subtotal fish | 1 | 0 | ----- | 0 | 0 | 0 | 1 |
| 6134 fish (not shellfish) - | 1 | 0 | ----- | 0 | 0 | 0 | 1 |
| 6136 shellfish | 0 | ----- | ----- | ----- | 0 | ----- | 0 |
| Subtotal other agricultural products | 2 | 0 | ----- | ----- | 0 | 2 | 0 |
| 6835 fish, prepared | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 6887 groceries | 2 | 0 | ----- | ----- | 0 | 2 | ----- |
| 6889 food products nec | 0 | ----- | ----- | ----- | ----- | 0 | 0 |
| Total all manufactured equipment, machinery and products | 11 | 1 | 1 | 2 | 0 | 3 | 4 |
| 7110 machinery (not elec) | 5 | 0 | 0 | 0 | 0 | 1 | 2 |
| 7210 vehicles & parts | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7230 ships & boats | 0 | ----- | 0 | 0 | ----- | 0 | 0 |
| 7400 manufac. wood prod. | 0 | ----- | ----- | ----- | 0 | 0 | 0 |
| 7500 textile products | 0 | ----- | ----- | ----- | ----- | ----- | 0 |
| 7600 rubber & plastic pr. | 0 | ----- | 0 | ----- | ----- | 0 | 0 |
| 7900 manufac. prod. nec | 5 | 0 | 0 | 1 | 0 | 1 | 1 |
| Ton-miles (x1000) | 8,829 | | 3 | | 19 | | 7,002 |
| Internal | | 326 | | 6 | | 1,473 | |
| Tons All Traffic (x1000) | 547 | | | | | | |
| Ton-miles All Traffic (x1000) | 16,433 | | | | | | |

HOONAH HARBOR, AK

Section Included: Hoonah is located on the eastern shore of Port Frederick, a deep tidal fjord on the northeastern shore of Chichagof Island in southeastern Alaska. Consists of an authorized small-boat basin 16 acres in extent, and an entrance channel and turning basin; with the entrance channel 100 feet wide and 400 feet long (widening to 150 feet for 600 feet along the western edge of the basin) all to a depth of 18.5 feet below mean lower low water. Controlling Depth: 16 feet. Project Depth: 18 feet.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 166 | 1990 | 219 |
| 1986 | 167 | 1991 | 207 |
| 1987 | 144 | 1992 | 405 |
| 1988 | 297 | 1993 | 456 |
| 1989 | 185 | 1994 | 299 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | Domestic | | | |
|---|-------------|------------|-----------|-----------|--------------------|--------------------|----------------|
| | | Exports | Exports | Total | Coastwise | Internal | |
| | | | | | Receipts Shipments | Receipts Shipments | |
| Total, all commodities | 299 | 210 | 28 | 60 | 14 | 2 | 2 43 |
| Total petroleum and petroleum products | 1 | ----- | ----- | 1 | 0 | ----- | 0 0 |
| Subtotal petroleum products | 1 | ----- | ----- | 1 | 0 | ----- | 0 0 |
| 2211 gasoline | 0 | ----- | ----- | 0 | ----- | ----- | 0 0 |
| 2330 distillate fuel oil | 1 | ----- | ----- | 1 | 0 | ----- | 0 0 |
| Total crude materials, inedible except fuels | 293 | 210 | 28 | 55 | 13 | 0 | 1 41 |
| Subtotal forest products, wood and chips | 293 | 210 | 28 | 55 | 13 | ----- | 1 41 |
| 4170 wood in the rough | 293 | 210 | 28 | 55 | 13 | ----- | 1 41 |
| 4189 lumber | 0 | ----- | ----- | 0 | ----- | ----- | 0 ----- |
| Subtotal iron ore and scrap | 0 | ----- | ----- | 0 | ----- | 0 | ----- |
| 4420 iron & steel scrap | 0 | ----- | ----- | 0 | ----- | 0 | ----- |
| Total primary manufactured goods | 0 | ----- | ----- | 0 | 0 | 0 | 0 ----- |
| Subtotal paper products | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| 5190 paper products nec | 0 | ----- | ----- | 0 | 0 | ----- | ----- |
| Subtotal lime, cement and glass | 0 | ----- | ----- | 0 | ----- | 0 | 0 ----- |
| 5290 misc. mineral prod. | 0 | ----- | ----- | 0 | ----- | 0 | 0 ----- |
| Subtotal primary non-ferrous metal products | 0 | ----- | ----- | 0 | 0 | 0 | 0 ----- |
| 5480 fab. metal products | 0 | ----- | ----- | 0 | 0 | 0 | 0 ----- |

HOONAH HARBOR, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | Domestic | | | | |
|---|----------------|---------|----------|----------|-----------|-----------|----------|-----------|
| | | Exports | Exports | Total | Coastwise | | Internal | |
| | | | | | Receipts | Shipments | Receipts | Shipments |
| Total food and farm products | 1 | ----- | ----- | 1 | ----- | 1 | ----- | 0 |
| Subtotal fish | 1 | ----- | ----- | 1 | ----- | 1 | ----- | 0 |
| 6134 fish (not shellfish) | 1 | ----- | ----- | 1 | ----- | 1 | ----- | 0 |
| Total all manufactured equipment, machinery and products | 3 | ----- | ----- | 3 | 1 | 0 | 0 | 2 |
| 7110 machinery (not elec) | 2 | ----- | ----- | 2 | ----- | ----- | 0 | 2 |
| 7210 vehicles & parts | 0 | ----- | ----- | 0 | 0 | ----- | ----- | ----- |
| 7400 manufac. wood prod. | 0 | ----- | ----- | 0 | ----- | ----- | 0 | ----- |
| 7900 manufac. prod. nec | 1 | ----- | ----- | 1 | 1 | 0 | ----- | 0 |

VALDEZ HARBOR, AK

Section Included: Entire waterfront from Point of Land west of Ferry Terminal easterly to Alaska Hydrotrain Dock. Eastern part of Port Valdez from the Ferry Terminal on the north to the Trans-Alaska Pipeline Terminal on the south. Controlling Depth: 12 feet in the small basin. Project Depth: 12 feet, except 20 feet at Ferry Terminal, 50 feet off the City Dock, 75 feet off the Valdez Dock, and 0.0 at Sontag & Alaska Hydrotrain Facilities. All depths refer to mllw.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|---------|-------------|---------------|
| 1985 | 99,624 | 1990 | 95,953 |
| 1986 | 101,118 | 1991 | 99,616 |
| 1987 | 106,867 | 1992 | 93,737 |
| 1988 | 107,145 | 1993 | 85,722 |
| 1989 | 95,436 | 1994 | 85,096 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | Domestic | | | |
|---|----------------|----------|-----------|---------------|-----------|---------------|-----------|
| | | Exports | Exports | Total | Coastwise | Internal | |
| | | | | Receipts | Shipments | Receipts | Shipments |
| Total, all commodities | 85,096 | 3 | 19 | 85,074 | 2 | 85,068 | 5 |
| Total petroleum and petroleum products | 85,052 | ----- | 8 | 85,043 | 0 | 85,039 | 5 |
| Subtotal crude petroleum | 84,975 | ----- | ----- | 84,975 | ----- | 84,975 | ----- |
| 2100 crude petroleum | 84,975 | ----- | ----- | 84,975 | ----- | 84,975 | ----- |

VALDEZ HARBOR, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | Domestic | | | |
|---|----------------|----------|-----------|-----------|-----------|-----------|----------|
| | | Exports | Exports | Total | Coastwise | Internal | |
| | | | | Receipts | Shipments | Shipments | |
| Subtotal petroleum products | 77 | ----- | 8 | 69 | 0 | 64 | 5 |
| 2211 gasoline | 28 | ----- | ----- | 28 | 0 | 27 | 1 |
| 2330 distillate fuel oil | 31 | ----- | ----- | 31 | ----- | 28 | 3 |
| 2340 residual fuel oil | 17 | ----- | 8 | 9 | ----- | 9 | ----- |
| Total chemicals and related products | 1 | ----- | ----- | 1 | 1 | 0 | ----- |
| Subtotal other chemicals and related products | 1 | ----- | ----- | 1 | 1 | 0 | ----- |
| 3293 explosives | 1 | ----- | ----- | 1 | 1 | 0 | ----- |
| Total crude materials, inedible except fuels | 41 | 3 | 11 | 28 | ----- | 28 | 0 |
| Subtotal forest products, wood and chips | 41 | 3 | 11 | 28 | ----- | 28 | 0 |
| 4170 wood in the rough | 41 | 3 | 11 | 28 | ----- | 28 | ----- |
| 4189 lumber | 0 | ----- | ----- | 0 | ----- | ----- | 0 |
| Total primary manufactured goods | 0 | ----- | ----- | 0 | ----- | 0 | ----- |
| Subtotal primary non-ferrous metal products | 0 | ----- | ----- | 0 | ----- | 0 | ----- |
| 5480 fab. metal products | 0 | ----- | ----- | 0 | ----- | 0 | ----- |
| Total all manufactured equipment, machinery and products | 2 | ----- | ----- | 2 | 1 | 1 | 0 |
| 7210 vehicles & parts | 0 | ----- | ----- | 0 | ----- | ----- | 0 |
| 7300 ordnance & access. | 2 | ----- | ----- | 2 | 0 | 1 | ----- |
| 7900 manufac. prod. nec | 1 | ----- | ----- | 1 | 1 | ----- | 0 |

SEWARD HARBOR, AK

Section Included: Alaska Railroad Dock, the Seward Boat Basin including the City Dock, and the Dry Bulk Terminal. Controlling Depth: 35 feet below mean lower low water at the Railroad Dock; 15 feet in the 200 foot entrance channel to the boat basin and at the City Dock; 12.5 feet in the boat mooring area. The Dry Bulk Terminal has controlling depth of 58 feet mllw.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 873 | 1990 | 846 |
| 1986 | 812 | 1991 | 1,181 |
| 1987 | 940 | 1992 | 686 |
| 1988 | 920 | 1993 | 862 |
| 1989 | 703 | 1994 | 961 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | |
|---|-------------|-----------|------------|-----------|-----------|-----------|-----------|
| | | Imports | Exports | Exports | Total | Coastwise | |
| | | | | | | Receipts | Shipments |
| Total, all commodities | 961 | 37 | 760 | 95 | 68 | 27 | 41 |
| Total coal | 719 | ----- | 719 | ----- | ----- | ----- | ----- |
| 1100 coal lignite | 719 | ----- | 719 | ----- | ----- | ----- | ----- |
| Total petroleum and petroleum products | 1 | ----- | ----- | ----- | 1 | 1 | ----- |
| Subtotal petroleum products | 1 | ----- | ----- | ----- | 1 | 1 | ----- |
| 2330 distillate fuel oil | 1 | ----- | ----- | ----- | 1 | 1 | ----- |
| Total crude materials, inedible except fuels | 142 | ----- | 25 | 95 | 22 | 0 | 22 |
| Subtotal forest products, wood and chips | 47 | ----- | 25 | ----- | 22 | 0 | 22 |
| 4161 wood chips | 21 | ----- | ----- | ----- | 21 | ----- | 21 |
| 4170 wood in the rough | 25 | ----- | 25 | ----- | ----- | ----- | ----- |
| 4189 lumber | 1 | ----- | ----- | ----- | 1 | 0 | 0 |
| Subtotal non-ferrous ores and scrap | 95 | ----- | ----- | 95 | ----- | ----- | ----- |
| 4690 non-ferrous ores nec | 95 | ----- | ----- | 95 | ----- | ----- | ----- |
| Total primary manufactured goods | 37 | 37 | ----- | ----- | 1 | 0 | 0 |
| Subtotal lime, cement and glass | 1 | ----- | ----- | ----- | 1 | 0 | 0 |
| 5290 misc. mineral prod. | 1 | ----- | ----- | ----- | 1 | 0 | 0 |
| Subtotal primary iron and steel products | 37 | 37 | ----- | ----- | ----- | ----- | ----- |
| 5370 i&s pipe & tube | 37 | 37 | ----- | ----- | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 0 | ----- | ----- | ----- | 0 | 0 | 0 |
| 5480 fab. metal products | 0 | ----- | ----- | ----- | 0 | 0 | 0 |

SEWARD HARBOR, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | |
|---|----------------|---------|-----------|----------|-----------|-----------|-----------|
| | | Imports | Exports | Exports | Total | Coastwise | |
| | | | | | Receipts | Shipments | |
| Total food and farm products | 16 | ----- | 16 | ----- | ----- | ----- | ----- |
| Subtotal fish | 15 | ----- | 15 | ----- | ----- | ----- | ----- |
| 6134 fish (not shellfish) | 15 | ----- | 15 | ----- | ----- | ----- | ----- |
| 6136 shellfish | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal other agricultural products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6835 fish, prepared | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 46 | ----- | 0 | ----- | 45 | 26 | 19 |
| 7110 machinery (not elec) | 1 | ----- | ----- | ----- | 1 | 0 | 1 |
| 7210 vehicles & parts | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 7230 ships & boats | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 7400 manufac. wood prod. | 1 | ----- | ----- | ----- | 1 | 0 | 0 |
| 7900 manufac. prod. nec | 43 | ----- | ----- | ----- | 43 | 26 | 17 |

HOMER, AK

Section Included: The northside of Kachemak Bay including the entire Homer Spit and small boat harbor. The commercial dock facility provides 300 feet of dock space with water depth ranging from 20 to 40 feet. The 750 boat small boat harbor has a depth ranging from 20 feet to 15 feet.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 148 | 1990 | 119 |
| 1986 | 74 | 1991 | 82 |
| 1987 | 46 | 1992 | 287 |
| 1988 | 66 | 1993 | 472 |
| 1989 | 243 | 1994 | 377 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | | Domestic | | | |
|---|-------------|-----------|------------|----------|-----------|-----------|----------|
| | | Imports | Exports | Total | Coastwise | | Internal |
| | | | | | Receipts | Shipments | |
| Total, all commodities | 376 | 20 | 348 | 8 | 4 | 3 | 2 |
| Total petroleum and petroleum products | 23 | 20 | ----- | 3 | 1 | ----- | 1 |
| Subtotal petroleum products | 23 | 20 | ----- | 3 | 1 | ----- | 1 |
| 2211 gasoline | 1 | ----- | ----- | 1 | ----- | ----- | 1 |

HOMER, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Domestic | | |
|---|----------------|---------|------------|----------|-----------|----------|
| | | Imports | Exports | Total | Coastwise | Internal |
| | | | | Receipts | Shipments | Receipts |
| 2221 kerosene | 20 | 20 | | | | |
| 2330 distillate fuel oil | 1 | | | 1 | 1 | |
| 2640 liquid natural gas | 0 | | | 0 | | 0 |
| Total chemicals and related products | 91 | | 91 | | | |
| Subtotal fertilizers | 78 | | 78 | | | |
| 3110 nitrogenous fert. | 78 | | 78 | | | |
| Subtotal other chemicals and related products | 13 | | 13 | | | |
| 3230 carboxylic acids | 0 | | 0 | | | |
| 3271 sulphur (liquid) | 13 | | 13 | | | |
| Total crude materials, inedible except fuels | 251 | | 248 | 3 | 3 | 1 |
| Subtotal forest products, wood and chips | 250 | | 248 | 3 | 3 | 0 |
| 4150 fuel wood | 43 | | 43 | | | |
| 4161 wood chips | 142 | | 142 | | | |
| 4170 wood in the rough | 66 | | 63 | 3 | 3 | |
| 4189 lumber | 0 | | | 0 | 0 | 0 |
| Subtotal soil, sand, gravel, rock and stone | 1 | | | 1 | | 1 |
| 4335 waterway improv. mat | 1 | | | 1 | | 1 |
| Subtotal non-ferrous ores and scrap | 0 | | 0 | | | |
| 4690 non-ferrous ores nec | 0 | | 0 | | | |
| Subtotal slag | 0 | | | 0 | | 0 |
| 4860 slag | 0 | | | 0 | | 0 |
| Total primary manufactured goods | 0 | | 0 | 0 | 0 | 0 |
| Subtotal lime, cement and glass | 0 | | 0 | | | |
| 5240 glass & glass prod. | 0 | | 0 | | | |
| Subtotal primary non-ferrous metal products | 0 | | | 0 | 0 | 0 |
| 5480 fab. metal products | 0 | | | 0 | 0 | 0 |
| Total food and farm products | 9 | | 9 | | | |
| Subtotal fish | 9 | | 9 | | | |
| 6134 fish (not shellfish) | 9 | | 9 | | | |
| 6136 shellfish | 0 | | 0 | | | |
| Subtotal other agricultural products | 0 | | 0 | | | |
| 6858 fruit juices | 0 | | 0 | | | |
| Total all manufactured equipment, machinery and products | 3 | | 0 | 3 | 2 | 0 |
| 7110 machinery (not elec) | 0 | | | 0 | 0 | 0 |
| 7210 vehicles & parts | 0 | | 0 | 0 | 0 | 0 |
| 7230 ships & boats | 0 | | | 0 | | 0 |

HOMER, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Domestic | | |
|-------------------------|----------------|---------|---------|----------|--------------------|----------|
| | | Imports | Exports | Total | Coastwise | Internal |
| | | | | | Receipts Shipments | Receipts |
| 7900 manufac. prod. nec | 2 | ----- | ----- | 2 | 2 ----- | 0 |

ANCHORAGE, AK

Section Included: Knik Arm from the Municipal Terminal on the north to and including terminal facilities on Ship Creek. Controlling Depth: 35 feet off the face of the City Dock; the approach channel north of Fire Island, to Point Woronzof, 28.5 feet. Project Depth: 35 feet. All depths refer to mllw.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 1,939 | 1990 | 1,706 |
| 1986 | 1,332 | 1991 | 2,309 |
| 1987 | 2,105 | 1992 | 2,540 |
| 1988 | 2,294 | 1993 | 2,470 |
| 1989 | 2,253 | 1994 | 2,559 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | | | |
|---|----------------|------------|------------|----------|--------------|--------------|------------|----------|-----------|
| | | Imports | Exports | Exports | Total | Coastwise | Internal | | |
| | | | | | | Receipts | Shipments | Receipts | Shipments |
| Total, all commodities | 2,559 | 316 | 524 | 9 | 1,710 | 1,495 | 175 | 1 | 38 |
| Total coal | 0 | ----- | ----- | ----- | 0 | ----- | 0 | ----- | ----- |
| 1100 coal lignite | 0 | ----- | ----- | ----- | 0 | ----- | 0 | ----- | ----- |
| Total petroleum and petroleum products | 935 | 232 | 340 | 9 | 353 | 286 | 30 | ----- | 37 |
| Subtotal petroleum products | 935 | 232 | 340 | 9 | 353 | 286 | 30 | ----- | 37 |
| 2211 gasoline | 284 | ----- | ----- | ----- | 284 | 271 | 13 | ----- | ----- |
| 2221 kerosene | 194 | 194 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 2330 distillate fuel oil | 126 | 39 | 62 | 9 | 17 | ----- | 17 | ----- | ----- |
| 2340 residual fuel oil | 111 | ----- | 73 | ----- | 37 | ----- | ----- | ----- | 37 |
| 2350 lube oil & greases | 13 | ----- | ----- | ----- | 13 | 13 | ----- | ----- | ----- |
| 2429 naphtha & solvents | 123 | ----- | 123 | ----- | ----- | ----- | ----- | ----- | ----- |

ANCHORAGE, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | | | |
|--|----------------|---------|------------|----------|-----------|-----------|-----------|----------|-----------|
| | | Imports | Exports | Exports | Total | Coastwise | | Internal | |
| | | | | | | Receipts | Shipments | Receipts | Shipments |
| 2640 liquid natural gas | 83 | ----- | 83 | ----- | ----- | ----- | ----- | ----- | ----- |
| 2990 petro. products nec | 2 | ----- | ----- | ----- | 2 | 2 | ----- | ----- | ----- |
| Total chemicals and related products | 32 | ----- | 7 | ----- | 25 | 19 | 7 | ----- | ----- |
| Subtotal fertilizers | 7 | ----- | 6 | ----- | 1 | 1 | ----- | ----- | ----- |
| 3110 nitrogenous fert. | 6 | ----- | 6 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3190 fert. & mixes nec | 1 | ----- | ----- | ----- | 1 | 1 | ----- | ----- | ----- |
| Subtotal other chemicals and related products | 25 | ----- | 1 | ----- | 25 | 18 | 7 | ----- | ----- |
| 3220 alcohols | 4 | ----- | ----- | ----- | 4 | 4 | ----- | ----- | ----- |
| 3260 organic comp. nec | 1 | ----- | 1 | ----- | ----- | ----- | ----- | ----- | ----- |
| 3299 chem. products nec | 21 | ----- | ----- | ----- | 21 | 14 | 7 | ----- | ----- |
| Total crude materials, inedible except fuels | 142 | ----- | 113 | 0 | 29 | 29 | 0 | ----- | ----- |
| Subtotal forest products, wood and chips | 111 | ----- | 93 | ----- | 19 | 19 | 0 | ----- | ----- |
| 4170 wood in the rough | 93 | ----- | 93 | ----- | ----- | ----- | ----- | ----- | ----- |
| 4189 lumber | 19 | ----- | ----- | ----- | 19 | 19 | 0 | ----- | ----- |
| Subtotal soil, sand, gravel, rock and stone | 0 | ----- | ----- | ----- | 0 | ----- | 0 | ----- | ----- |
| 4331 sand & gravel | 0 | ----- | ----- | ----- | 0 | ----- | 0 | ----- | ----- |
| Subtotal iron ore and scrap | 20 | ----- | 20 | ----- | ----- | ----- | ----- | ----- | ----- |
| 4420 iron & steel scrap | 20 | ----- | 20 | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal non-ferrous ores and scrap | 0 | ----- | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 4690 non-ferrous ores nec | 0 | ----- | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| Subtotal other non-metal. min. | 11 | ----- | ----- | ----- | 11 | 11 | 0 | ----- | ----- |
| 4900 non-metal. min. nec | 11 | ----- | ----- | ----- | 11 | 11 | 0 | ----- | ----- |

ANCHORAGE, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | | | |
|--|----------------|-----------|-----------|----------|------------|------------|-----------|-----------|-------|
| | | Imports | Exports | Exports | Total | Coastwise | Internal | | |
| | | | | | Receipts | Shipments | Receipts | Shipments | |
| Total primary manufactured goods | 151 | 83 | 0 | ----- | 67 | 64 | 4 | ----- | ----- |
| Subtotal paper products | 14 | ----- | 0 | ----- | 13 | 13 | ----- | ----- | ----- |
| 5190 paper | 14 | ----- | 0 | ----- | 13 | 13 | ----- | ----- | ----- |
| products nec | | | | | | | | | |
| Subtotal lime, cement and glass | 95 | 79 | ----- | ----- | 16 | 16 | 0 | ----- | ----- |
| 5220 cement & | 79 | 79 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| concrete | | | | | | | | | |
| 5290 misc. mineral prod. | 16 | ----- | ----- | ----- | 16 | 16 | 0 | ----- | ----- |
| Subtotal primary iron and steel products | 5 | 5 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 5370 i&s pipe & tube | 5 | 5 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 38 | ----- | 0 | ----- | 38 | 34 | 3 | ----- | ----- |
| 5422 aluminum | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 5480 fab. metal products | 38 | ----- | ----- | ----- | 38 | 34 | 3 | ----- | ----- |
| Total food and farm products | 846 | 0 | 63 | 0 | 781 | 757 | 24 | ----- | ----- |
| Subtotal fish | 86 | 0 | 62 | 0 | 23 | 2 | 21 | ----- | ----- |
| 6134 fish (not shellfish) | 76 | 0 | 53 | 0 | 23 | 2 | 21 | ----- | ----- |
| 6136 shellfish | 9 | 0 | 9 | ----- | 0 | ----- | 0 | ----- | ----- |
| Subtotal processed grain and animal feed | 1 | ----- | 0 | ----- | 0 | 0 | ----- | ----- | ----- |
| 6747 grain mill products | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6782 animal feed, prep. | 0 | ----- | 0 | ----- | 0 | 0 | ----- | ----- | ----- |
| Subtotal other agricultural products | 759 | ----- | 1 | 0 | 758 | 755 | 3 | ----- | ----- |
| 6835 fish, prepared | 4 | ----- | 1 | 0 | 3 | ----- | 3 | ----- | ----- |
| 6839 animals & prod. nec | 408 | ----- | ----- | ----- | 408 | 408 | 0 | ----- | ----- |
| 6885 alcoholic beverages | 0 | ----- | ----- | ----- | 0 | ----- | 0 | ----- | ----- |
| 6887 groceries | 347 | ----- | ----- | ----- | 347 | 347 | ----- | ----- | ----- |
| 6888 water & ice | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |
| 6889 food products nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- | ----- |

ANCHORAGE, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | | | |
|---|----------------|----------|----------|----------|------------|------------|------------|----------|-----------|
| | | Imports | Exports | Exports | Total | Coastwise | Internal | Receipts | Shipments |
| | | | | | Receipts | Shipments | | | |
| Total all manufactured equipment, machinery and products | 433 | 0 | 0 | ----- | 433 | 325 | 106 | 1 | 1 |
| 7110 machinery (not elec) | 6 | 0 | 0 | ----- | 6 | 0 | 4 | 1 | 1 |
| 7210 vehicles & parts | 45 | ----- | ----- | ----- | 45 | 31 | 15 | ----- | ----- |
| 7230 ships & boats | 0 | ----- | ----- | ----- | 0 | ----- | 0 | ----- | ----- |
| 7400 manufac. wood prod. | 16 | ----- | ----- | ----- | 16 | 16 | 0 | ----- | ----- |
| 7900 manufac. prod. nec | 365 | ----- | ----- | ----- | 365 | 277 | 87 | 0 | 0 |
| Total unknown or not elsewhere classified | 20 | 0 | 0 | ----- | 20 | 15 | 5 | ----- | ----- |
| 9900 unknown or nec | 20 | 0 | 0 | ----- | 20 | 15 | 5 | ----- | ----- |

KODIAK HARBOR, AK

Section Included: Channel 200 feet wide between Near Island and Kodiak Island to the King Crab, Inc. Dock in St. Paul Harbor including the boat basin. Controlling Depth: about 25 feet in the channel and 12 feet in the boat basin; 30 feet in St. Paul Harbor.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|------|-------|
| 1985 | 211 | 1990 | 443 |
| 1986 | 200 | 1991 | 571 |
| 1987 | 437 | 1992 | 490 |
| 1988 | 287 | 1993 | 525 |
| 1989 | 298 | 1994 | 569 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | Domestic | | |
|--|----------------|------------|----------|------------|-----------|-----------|
| | | Exports | Imports | Total | Coastwise | |
| | | | | | Receipts | Shipments |
| Total, all commodities | 569 | 413 | 1 | 154 | 78 | 76 |
| Total petroleum and petroleum products | 36 | | | 36 | 35 | 2 |
| Subtotal petroleum products | 36 | | | 36 | 35 | 2 |
| 2211 gasoline | 32 | | | 32 | 32 | 0 |
| 2330 distillate fuel oil | 5 | | | 5 | 3 | 1 |
| 2350 lube oil & greases | 0 | | | 0 | | 0 |
| Total chemicals and related products | 3 | | 1 | 2 | 0 | 2 |
| Subtotal fertilizers | 1 | | 1 | | | |
| 3110 nitrogenous fert. | 1 | | 1 | | | |
| Subtotal other chemicals and related products | 2 | | | 2 | 0 | 2 |
| 3298 wood & resin chem. | 0 | | | 0 | | 0 |
| 3299 chem. products nec | 2 | | | 2 | 0 | 2 |
| Total crude materials, inedible except fuels | 392 | 391 | | 0 | 0 | 0 |
| Subtotal forest products, wood and chips | 14 | 14 | | 0 | 0 | 0 |
| 4170 wood in the rough | 14 | 14 | | 0 | 0 | 0 |
| 4189 lumber | 0 | | | 0 | | 0 |
| Subtotal Iron ore and scrap | 0 | | | 0 | | 0 |
| 4420 iron & steel scrap | 0 | | | 0 | | 0 |
| Subtotal non-ferrous ores and scrap | 377 | 377 | | | | |
| 4690 non-ferrous ores nec | 377 | 377 | | | | |
| Subtotal other non-metal. min. | 0 | | | 0 | 0 | 0 |
| 4900 non-metal. min. nec | 0 | | | 0 | 0 | 0 |
| Total primary manufactured goods | 4 | | | 4 | 3 | 0 |
| Subtotal paper products | 0 | | | 0 | 0 | 0 |
| 5120 paper & paperboard | 0 | | | 0 | | 0 |
| 5190 paper products nec | 0 | | | 0 | 0 | 0 |

KODIAK HARBOR, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | Domestic | |
|---|----------------|-----------|----------|-----------|---------------------|
| | | Exports | Imports | Total | Coastwise |
| | | | | Receipts | Shipments |
| Subtotal lime, cement and glass | 3 | ----- | ----- | 3 | 3 0 |
| 5220 cement & concrete | 3 | ----- | ----- | 3 | 3 ----- |
| 5290 misc. mineral prod. | 0 | ----- | ----- | 0 | ----- 0 |
| Subtotal primary iron and steel products | 0 | ----- | ----- | 0 | ----- 0 |
| 5370 i&s pipe & tube | 0 | ----- | ----- | 0 | ----- 0 |
| Subtotal primary non-ferrous metal products | 0 | ----- | ----- | 0 | 0 0 |
| 5480 fab. metal products | 0 | ----- | ----- | 0 | 0 0 |
| Total food and farm products | 93 | 22 | ----- | 71 | 32 39 |
| Subtotal fish | 39 | 22 | ----- | 18 | 0 17 |
| 6134 fish (not shellfish) | 39 | 22 | ----- | 17 | 0 17 |
| 6136 shellfish | 0 | ----- | ----- | 0 | ----- 0 |
| Subtotal grain | 2 | ----- | ----- | 2 | ----- 2 |
| 6241 wheat | 0 | ----- | ----- | 0 | ----- 0 |
| 6442 rice | 2 | ----- | ----- | 2 | ----- 2 |
| Subtotal vegetable products | 2 | ----- | ----- | 2 | 0 2 |
| 6653 vegetable oils | 0 | ----- | ----- | 0 | ----- 0 |
| 6654 vegetables & prod. | 2 | ----- | ----- | 2 | 0 2 |
| Subtotal processed grain and animal feed | 2 | 0 | ----- | 1 | ----- 1 |
| 6746 wheat flour | 1 | ----- | ----- | 1 | ----- 1 |
| 6747 grain mill products | 0 | ----- | ----- | 0 | ----- 0 |
| 6782 animal feed, prep. | 1 | 0 | ----- | 1 | ----- 1 |
| Subtotal other agricultural products | 48 | 0 | ----- | 48 | 32 16 |
| 6811 meat, fresh, frozen | 1 | ----- | ----- | 1 | 0 1 |
| 6817 meat, prepared | 0 | ----- | ----- | 0 | ----- 0 |
| 6822 dairy products | 0 | ----- | ----- | 0 | ----- 0 |
| 6835 fish, prepared | 10 | 0 | ----- | 10 | ----- 10 |
| 6839 animals & prod. nec | 32 | 0 | ----- | 32 | 32 0 |
| 6856 bananas & plantains | 0 | ----- | ----- | 0 | ----- 0 |
| 6857 fruit & nuts nec | 2 | ----- | ----- | 2 | ----- 2 |
| 6858 fruit juices | 0 | ----- | ----- | 0 | 0 ----- |
| 6885 alcoholic beverages | 1 | ----- | ----- | 1 | ----- 1 |
| 6889 food products nec | 2 | ----- | ----- | 2 | ----- 2 |
| 6891 tobacco & products | 0 | ----- | ----- | 0 | ----- 0 |
| Total all manufactured equipment, machinery and products | 40 | 0 | ----- | 40 | 8 32 |
| 7110 machinery (not elec) | 0 | ----- | ----- | 0 | 0 0 |
| 7120 electrical machinery | 0 | ----- | ----- | 0 | ----- 0 |
| 7210 vehicles & parts | 0 | ----- | ----- | 0 | 0 0 |
| 7230 ships & boats | 0 | ----- | ----- | 0 | 0 0 |
| 7400 manufac. wood prod. | 0 | 0 | ----- | 0 | ----- 0 |
| 7500 textile products | 0 | ----- | ----- | 0 | 0 ----- |
| 7600 rubber & plastic pr. | 0 | ----- | ----- | 0 | ----- 0 |
| 7900 manufac. prod. nec | 39 | 0 | ----- | 39 | 8 31 |

KODIAK HARBOR, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | Canadian | Domestic | | |
|--|----------------|----------|----------|----------|-----------|-----------|
| | | Exports | Imports | Total | Coastwise | |
| | | | | | Receipts | Shipments |
| Total unknown or not elsewhere classified | 1 | 0 | 0 | 1 | 0 | 1 |
| 9900 unknown or nec | 1 | 0 | 0 | 1 | 0 | 1 |

UNALASKA BAY AND ISLAND, AK

Section Included: Entire harbor. Controlling Depth: 25 feet in entrance channel at mean lower low water. Project Depth: 25 feet at mean lower low water.

Comparative Statement of Traffic
(thousand tons)

| Year | Total | Year | Total |
|------|-------|-------------|------------|
| 1985 | 414 | 1990 | 945 |
| 1986 | 245 | 1991 | 1,205 |
| 1987 | 358 | 1992 | 1,179 |
| 1988 | 388 | 1993 | 1,035 |
| 1989 | 735 | 1994 | 861 |

Freight Traffic, 1994
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | |
|---|----------------|-----------|------------|-----------|------------|------------|------------------------|
| | | Imports | Exports | Imports | Total | Coastwise | Internal |
| | | | | | | Receipts | Shipments Intraport |
| Total, all commodities | 861 | 12 | 527 | 13 | 310 | 144 | 145 |
| Total petroleum and petroleum products | 119 | 7 | 0 | 12 | 100 | 56 | 23 |
| Subtotal petroleum products | 119 | 7 | 0 | 12 | 100 | 56 | 23 |
| 2211 gasoline | 24 | 1 | | | 23 | 6 | 10 |
| 2221 kerosene | 1 | 1 | | | 0 | 0 | |
| 2330 distillate fuel oil | 84 | 4 | | 12 | 67 | 43 | 13 |
| 2340 residual fuel oil | 9 | | 0 | | 9 | 7 | 1 |
| 2350 lube oil & greases | 0 | | 0 | | 0 | 0 | |
| 2410 petro. jelly & waxes | 0 | | 0 | | | | |
| 2429 naphtha & solvents | 0 | | 0 | | 0 | | 0 |
| 2640 liquid natural gas | 0 | | | | 0 | 0 | 0 |
| 2990 petro. products nec | 0 | | | | 0 | 0 | |
| Total chemicals and related products | 27 | 0 | 27 | 0 | 0 | 0 | 0 |
| Subtotal fertilizers | 24 | | 24 | | | | |
| 3110 nitrogenous fert. | 24 | | 24 | | | | |

UNALASKA BAY AND ISLAND, AK
Freight Traffic, 1994 - continued
(thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | | Internal Intraport |
|--|----------------|----------|-----------|----------|----------|-----------|-----------|-----------------------|
| | | Imports | Exports | Imports | Total | Coastwise | Shipments | |
| | | | | | Receipts | | | |
| Subtotal other chemicals and related products | 3 | 0 | 2 | 0 | 0 | 0 | 0 | ----- |
| 3219 other hydrocarbons | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3220 alcohols | 0 | ----- | 0 | 0 | ----- | ----- | ----- | ----- |
| 3230 carboxylic acids | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3240 nitrogen func. comp. | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3250 organo- inorgan. comp | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3260 organic comp. nec | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 3275 inorg. elem.,oxides, & halogen salts | 0 | ----- | 0 | ----- | 0 | 0 | ----- | ----- |
| 3276 metallic salts | 0 | 0 | 0 | ----- | ----- | ----- | ----- | ----- |
| 3279 inorganic chem. nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3282 pigments & paints | 0 | ----- | 0 | ----- | 0 | 0 | ----- | ----- |
| 3285 perfumes & cleansers | 0 | ----- | 0 | ----- | 0 | 0 | ----- | ----- |
| 3286 plastics | 1 | 0 | 1 | ----- | ----- | ----- | ----- | ----- |
| 3291 pesticides | 0 | ----- | ----- | ----- | 0 | 0 | ----- | ----- |
| 3292 starches, gluten, glue | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3297 chemical additives | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 3299 chem. products nec | 0 | ----- | 0 | ----- | 0 | 0 | 0 | ----- |
| Total crude materials, inedible except fuels | 72 | 3 | 67 | 0 | 2 | 2 | 0 | ----- |
| Subtotal forest products, wood and chips | 63 | ----- | 63 | 0 | 0 | 0 | 0 | ----- |
| 4150 fuel wood | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 4170 wood in the rough | 63 | ----- | 63 | ----- | ----- | ----- | ----- | ----- |
| 4189 lumber | 0 | ----- | ----- | 0 | 0 | 0 | 0 | ----- |
| 4190 forest products nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| Subtotal pulp and waste paper | 4 | ----- | 4 | ----- | ----- | ----- | ----- | ----- |
| 4225 pulp & waste paper | 4 | ----- | 4 | ----- | ----- | ----- | ----- | ----- |
| Subtotal Iron ore and scrap | 0 | ----- | ----- | ----- | 0 | ----- | 0 | ----- |
| 4420 iron & steel scrap | 0 | ----- | ----- | ----- | 0 | ----- | 0 | ----- |
| Subtotal other non-metal. min. | 5 | 3 | 0 | ----- | 2 | 2 | 0 | ----- |
| 4900 non-metal. min. nec | 5 | 3 | 0 | ----- | 2 | 2 | 0 | ----- |
| Total primary manufactured goods | 7 | 1 | 1 | ----- | 6 | 5 | 1 | 0 |
| Subtotal paper products | 3 | 0 | 1 | ----- | 2 | 2 | 0 | 0 |
| 5120 paper & paperboard | 1 | ----- | 1 | ----- | ----- | ----- | ----- | ----- |
| 5190 paper products nec | 2 | 0 | 0 | ----- | 2 | 2 | 0 | 0 |
| Subtotal lime, cement and glass | 0 | 0 | 0 | ----- | 0 | 0 | 0 | ----- |
| 5240 glass & glass prod. | 0 | ----- | 0 | ----- | ----- | ----- | ----- | ----- |
| 5290 misc. mineral prod. | 0 | 0 | ----- | ----- | 0 | 0 | 0 | ----- |

UNALASKA BAY AND ISLAND, AK
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Grand Total | Foreign | | Canadian | Domestic | | |
|---|----------------|----------|------------|----------|------------|-----------|-----------|
| | | Imports | Exports | Imports | Total | Coastwise | Internal |
| | | | | | Receipts | Shipments | Intraport |
| Subtotal primary iron and steel products | 0 | ----- | 0 | ----- | 0 | 0 | ----- |
| 5360 i&s bars & shapes | 0 | ----- | 0 | ----- | 0 | 0 | ----- |
| 5370 i&s pipe & tube | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal primary non-ferrous metal products | 4 | 0 | 0 | ----- | 3 | 3 | 1 |
| 5480 fab. metal products | 4 | 0 | 0 | ----- | 3 | 3 | 1 |
| Subtotal primary wood products | 0 | ----- | ----- | ----- | 0 | 0 | 0 |
| 5540 primary wood prod. | 0 | ----- | ----- | ----- | 0 | 0 | 0 |
| Total food and farm products | 569 | 1 | 431 | ----- | 137 | 66 | 71 |
| Subtotal fish | 460 | 1 | 368 | ----- | 91 | 21 | 70 |
| 6134 fish (not shellfish) | 427 | ----- | 342 | ----- | 85 | 20 | 65 |
| 6136 shellfish | 33 | 1 | 27 | ----- | 6 | 1 | 5 |
| Subtotal oilseeds | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6522 soybeans | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Subtotal vegetable products | 1 | ----- | 0 | ----- | 1 | 0 | 0 |
| 6653 vegetable oils | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6654 vegetables & prod. | 1 | ----- | 0 | ----- | 1 | 0 | 0 |
| Subtotal processed grain and animal feed | 47 | ----- | 47 | ----- | 0 | 0 | 0 |
| 6747 grain mill products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6782 animal feed, prep. | 47 | ----- | 47 | ----- | 0 | 0 | 0 |
| Subtotal other agricultural products | 61 | 0 | 15 | ----- | 45 | 44 | 1 |
| 6811 meat, fresh, frozen | 1 | ----- | 0 | ----- | 1 | 1 | 0 |
| 6817 meat, prepared | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6822 dairy products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6835 fish, prepared | 11 | 0 | 10 | ----- | 0 | ----- | 0 |
| 6838 tallow, animal oils | 1 | ----- | 0 | ----- | 0 | ----- | 0 |
| 6839 animals & prod. nec | 43 | ----- | 2 | ----- | 40 | 40 | 0 |
| 6857 fruit & nuts nec | 0 | ----- | 0 | ----- | 0 | ----- | 0 |
| 6858 fruit juices | 0 | ----- | 0 | ----- | 0 | 0 | 0 |
| 6861 sugar | 0 | ----- | ----- | ----- | 0 | 0 | ----- |
| 6885 alcoholic beverages | 0 | ----- | 0 | ----- | 0 | 0 | ----- |
| 6887 groceries | 3 | ----- | ----- | ----- | 3 | 3 | 0 |
| 6889 food products nec | 2 | 0 | 2 | ----- | 0 | 0 | ----- |
| 6891 tobacco & products | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6893 cotton | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| 6899 farm products nec | 0 | ----- | 0 | ----- | ----- | ----- | ----- |
| Total all manufactured equipment, machinery and products | 66 | 0 | 1 | ----- | 64 | 15 | 49 |
| 7110 machinery (not elec) | 1 | 0 | 0 | ----- | 1 | 1 | ----- |
| 7120 electrical machinery | 0 | 0 | 0 | ----- | ----- | ----- | 0 |
| 7210 vehicles & parts | 0 | ----- | 0 | ----- | 0 | 0 | 0 |
| 7230 ships & boats | 0 | ----- | 0 | ----- | 0 | 0 | ----- |

UNALASKA BAY AND ISLAND, AK
 Freight Traffic, 1994 - continued
 (thousand tons)

| Commodity | Grand Total | Foreign | | Canadian Imports | Domestic | | |
|--|----------------|--------------|----------|---------------------|----------|-----------|--------------|
| | | Imports | Exports | | Total | Coastwise | Internal |
| | | | | | Receipts | Shipments | Intraport |
| 7300 ordnance & access. | 1 | ----- | 1 | ----- | ----- | ----- | ----- |
| 7400 manufac. wood prod. | 0 | ----- | ----- | ----- | 0 | 0 | 0 |
| 7500 textile products | 0 | 0 | 0 | ----- | 0 | 0 | 0 |
| 7600 rubber & plastic pr. | 0 | 0 | 0 | ----- | 0 | ----- | 0 |
| 7900 manufac. prod. nec | 63 | 0 | 0 | ----- | 63 | 14 | 49 |
| Total unknown or not elsewhere classified | 0 | ----- | 0 | ----- | 0 | 0 | ----- |
| 9900 unknown or nec | 0 | ----- | 0 | ----- | 0 | 0 | ----- |

Other Harbors and Waterways

| Harbor or Waterway | Commodity | Tons Thousand |
|--------------------|---|------------------|
| Project | | |
| BETHEL HARBOR, AK | 2211 gasoline | 0 |
| | 2221 kerosene | 0 |
| | 2330 distillate fuel oil | 7 |
| | 2350 lube oil & greases | 0 |
| | 2640 liquid natural gas | 0 |
| | 2990 petro. products nec | 6 |
| | 3120 phosphatic fert. | 0 |
| | 3190 fert. & mixes nec | 0 |
| | 3220 alcohols | 0 |
| | 3275 inorg. elem., oxides, & halogen salts | 0 |
| | 3282 pigments & paints | 0 |
| | 4150 fuel wood | 0 |
| | 4170 wood in the rough | 0 |
| | 4189 lumber | 4 |
| | 4331 sand & gravel | 3 |
| | 4420 iron & steel scrap | 0 |
| | 4900 non-metal. min. nec | 0 |
| | 5190 paper products nec | 0 |
| | 5220 cement & concrete | 0 |
| | 5240 glass & glass prod. | 0 |
| | 5290 misc. mineral prod. | 4 |
| | 5330 i&s plates & sheets | 0 |
| | 5370 i&s pipe & tube | 0 |
| | 5480 fab. metal products | 1 |
| | 5540 primary wood prod. | 0 |
| | 6134 fish (not shellfish) | 0 |
| | 6782 animal feed, prep. | 0 |
| | 6887 groceries | 1 |
| | 6889 food products nec | 0 |
| | 7110 machinery (not elec) | 1 |
| | 7120 electrical machinery | 0 |
| | 7210 vehicles & parts | 1 |
| | 7230 ships & boats | 0 |
| | 7400 manufac. wood prod. | 4 |
| | 7500 textile products | 0 |
| | 7600 rubber & plastic pr. | 0 |
| | 7900 manufac. prod. nec | 5 |
| | Total Tons(x1000) | 38 |
| CORDOVA HARBOR, AK | 2211 gasoline | 1 |
| | 2330 distillate fuel oil | 2 |
| | 4189 lumber | 0 |
| | 4331 sand & gravel | 7 |
| | 5290 misc. mineral prod. | 0 |
| | 5480 fab. metal products | 0 |
| | 6134 fish (not shellfish) | 0 |
| | 6839 animals & prod. nec | 0 |
| | 7110 machinery (not elec) | 1 |
| | 7400 manufac. wood prod. | 0 |
| | 7900 manufac. prod. nec | 19 |
| | Total Tons(x1000) | 32 |
| CRAIG HARBOR, AK | 7110 machinery (not elec) | 1 |
| | 7900 manufac. prod. nec | 1 |
| | Total Tons(x1000) | 2 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|-----------------------|---------------------------|------------------|
| Project | | |
| DILLINGHAM HARBOR, AK | 2330 distillate fuel oil | 2 |
| | 2350 lube oil & greases | 0 |
| | 2640 liquid natural gas | 0 |
| | 3220 alcohols | 0 |
| | 3260 organic comp. nec | 0 |
| | 3299 chem. products nec | 0 |
| | 4170 wood in the rough | 0 |
| | 4189 lumber | 2 |
| | 4900 non-metal. min. nec | 0 |
| | 5220 cement & concrete | 0 |
| | 5290 misc. mineral prod. | 2 |
| | 5429 smelted prod. nec | 0 |
| | 5480 fab. metal products | 4 |
| | 5540 primary wood prod. | 0 |
| | 6134 fish (not shellfish) | 6 |
| | 6835 fish, prepared | 0 |
| | 6885 alcoholic beverages | 0 |
| | 6887 groceries | 1 |
| | 7110 machinery (not elec) | 1 |
| | 7120 electrical machinery | 0 |
| | 7210 vehicles & parts | 1 |
| | 7230 ships & boats | 1 |
| | 7400 manufac. wood prod. | 2 |
| | 7500 textile products | 0 |
| | 7900 manufac. prod. nec | 2 |
| | Total Tons(x1000) | 23 |
| DOUGLAS HARBOR, AK | 2640 liquid natural gas | 0 |
| | 3282 pigments & paints | 0 |
| | 3293 explosives | 0 |
| | 4420 iron & steel scrap | 0 |
| | 5190 paper products nec | 0 |
| | 5290 misc. mineral prod. | 0 |
| | 5480 fab. metal products | 0 |
| | 6134 fish (not shellfish) | 0 |
| | 7110 machinery (not elec) | 0 |
| | 7210 vehicles & parts | 0 |
| | 7500 textile products | 1 |
| | 7900 manufac. prod. nec | 2 |
| | Total Tons(x1000) | 3 |
| DRY PASS, AK | No Commerce Reported | |
| EGEGIK RIVER, AK | 2211 gasoline | 0 |
| | 2330 distillate fuel oil | 1 |
| | 4189 lumber | 0 |
| | 5290 misc. mineral prod. | 0 |
| | 5480 fab. metal products | 0 |
| | 6134 fish (not shellfish) | 3 |
| | 6885 alcoholic beverages | 0 |
| | 6887 groceries | 0 |
| | 7110 machinery (not elec) | 1 |
| | 7230 ships & boats | 0 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|------------------------------|---------------------------|------------------|
| Project | | |
| EGEGIK RIVER, AK - continued | 7400 manufac. wood prod. | 0 |
| | 7900 manufac. prod. nec | 0 |
| | Total Tons(x1000) | 6 |
| ELFIN COVE HARBOR, AK | 2211 gasoline | 0 |
| | 2330 distillate fuel oil | 1 |
| | Total Tons(x1000) | 1 |
| GASTINEAU CHANNEL, AK | No Commerce Reported | |
| HUMBOLDT HARBOR, AK | 2640 liquid natural gas | 0 |
| | 3286 plastics | 0 |
| | 3299 chem. products nec | 0 |
| | 4900 non-metal. min. nec | 0 |
| | 5190 paper products nec | 0 |
| | 5480 fab. metal products | 0 |
| | 5540 primary wood prod. | 0 |
| | 6134 fish (not shellfish) | 1 |
| | 6654 vegetables & prod. | 0 |
| | 6811 meat, fresh, frozen | 0 |
| | 6822 dairy products | 0 |
| | 6839 animals & prod. nec | 0 |
| | 6858 fruit juices | 0 |
| | 6887 groceries | 0 |
| | 6889 food products nec | 0 |
| | 6891 tobacco & products | 0 |
| | 7210 vehicles & parts | 0 |
| | 7500 textile products | 0 |
| | 7600 rubber & plastic pr. | 0 |
| | 7900 manufac. prod. nec | 2 |
| | Total Tons(x1000) | 4 |
| JUNEAU HARBOR, AK | 2211 gasoline | 8 |
| | 2221 kerosene | 0 |
| | 2330 distillate fuel oil | 21 |
| | 2340 residual fuel oil | 0 |
| | 2350 lube oil & greases | 0 |
| | 2430 asphalt, tar & pitch | 5 |
| | 2540 petroleum coke | 0 |
| | 2640 liquid natural gas | 2 |
| | 2990 petro. products nec | 0 |
| | 3110 nitrogenous fert. | 0 |
| | 3190 fert. & mixes nec | 0 |
| | 3220 alcohols | 1 |
| | 3276 metallic salts | 0 |
| | 3282 pigments & paints | 0 |
| | 3286 plastics | 0 |
| | 3293 explosives | 0 |
| | 3299 chem. products nec | 0 |
| | 4150 fuel wood | 0 |
| | 4170 wood in the rough | 56 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|-------------------------------|---------------------------|------------------|
| Project | | |
| JUNEAU HARBOR, AK - continued | 4189 lumber | 8 |
| | 4190 forest products nec | 0 |
| | 4225 pulp & waste paper | 0 |
| | 4331 sand & gravel | 0 |
| | 4338 soil & fill dirt | 0 |
| | 4410 iron ore | 0 |
| | 4420 iron & steel scrap | 7 |
| | 4782 clay & refrac. mat. | 0 |
| | 5110 newsprint | 0 |
| | 5190 paper products nec | 3 |
| | 5220 cement & concrete | 1 |
| | 5240 glass & glass prod. | 0 |
| | 5290 misc. mineral prod. | 9 |
| | 5422 aluminum | 0 |
| | 5480 fab. metal products | 5 |
| | 5540 primary wood prod. | 0 |
| | 6134 fish (not shellfish) | 2 |
| | 6654 vegetables & prod. | 0 |
| | 6781 hay & fodder | 0 |
| | 6782 animal feed, prep. | 0 |
| | 6885 alcoholic beverages | 3 |
| | 6887 groceries | 20 |
| | 6889 food products nec | 4 |
| | 6899 farm products nec | 0 |
| | 7110 machinery (not elec) | 5 |
| | 7120 electrical machinery | 2 |
| | 7210 vehicles & parts | 7 |
| | 7220 aircraft & parts | 0 |
| | 7230 ships & boats | 0 |
| | 7300 ordnance & access. | 0 |
| | 7400 manufac. wood prod. | 5 |
| | 7500 textile products | 1 |
| | 7600 rubber & plastic pr. | 2 |
| | 7900 manufac. prod. nec | 40 |
| | 9900 unknown or nec | 0 |
| | Total Tons(x1000) | 222 |
| KAKE HARBOR, AK | 3220 alcohols | 0 |
| | 3293 explosives | 0 |
| | 4170 wood in the rough | 31 |
| | 4189 lumber | 0 |
| | 4331 sand & gravel | 2 |
| | 5220 cement & concrete | 0 |
| | 5290 misc. mineral prod. | 0 |
| | 5480 fab. metal products | 0 |
| | 6134 fish (not shellfish) | 2 |
| | 6835 fish, prepared | 0 |
| | 6885 alcoholic beverages | 0 |
| | 6889 food products nec | 0 |
| | 7110 machinery (not elec) | 0 |
| | 7120 electrical machinery | 0 |
| | 7210 vehicles & parts | 0 |
| | 7230 ships & boats | 0 |
| | 7400 manufac. wood prod. | 0 |
| | 7900 manufac. prod. nec | 2 |
| | Total Tons(x1000) | 37 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|----------------------|---------------------------|------------------|
| Project | | |
| KING COVE LAGOON, AK | 2350 lube oil & greases | 0 |
| | 3286 plastics | 0 |
| | 4189 lumber | 0 |
| | 4900 non-metal. min. nec | 0 |
| | 5190 paper products nec | 0 |
| | 5480 fab. metal products | 1 |
| | 5540 primary wood prod. | 0 |
| | 6134 fish (not shellfish) | 1 |
| | 6136 shellfish | 0 |
| | 6654 vegetables & prod. | 0 |
| | 6811 meat, fresh, frozen | 0 |
| | 6858 fruit juices | 0 |
| | 6885 alcoholic beverages | 0 |
| | 6887 groceries | 0 |
| | 6889 food products nec | 0 |
| | 7110 machinery (not elec) | 1 |
| | 7210 vehicles & parts | 0 |
| | 7400 manufac. wood prod. | 0 |
| | 7500 textile products | 0 |
| | 7900 manufac. prod. nec | 2 |
| | Total Tons(x1000) | 7 |
| NAKNEK RIVER, AK | 2211 gasoline | 0 |
| | 2330 distillate fuel oil | 5 |
| | 2340 residual fuel oil | 0 |
| | 2350 lube oil & greases | 0 |
| | 2540 petroleum coke | 0 |
| | 2640 liquid natural gas | 0 |
| | 3282 pigments & paints | 0 |
| | 3286 plastics | 2 |
| | 3299 chem. products nec | 0 |
| | 4170 wood in the rough | 0 |
| | 4189 lumber | 2 |
| | 4331 sand & gravel | 0 |
| | 4900 non-metal. min. nec | 1 |
| | 5190 paper products nec | 1 |
| | 5220 cement & concrete | 0 |
| | 5240 glass & glass prod. | 0 |
| | 5290 misc. mineral prod. | 1 |
| | 5330 i&s plates & sheets | 0 |
| | 5360 i&s bars & shapes | 0 |
| | 5370 i&s pipe & tube | 0 |
| | 5390 primary i&s nec | 0 |
| | 5429 smelted prod. nec | 1 |
| | 5480 fab. metal products | 11 |
| | 5540 primary wood prod. | 0 |
| | 6134 fish (not shellfish) | 18 |
| | 6654 vegetables & prod. | 0 |
| | 6811 meat, fresh, frozen | 0 |
| | 6858 fruit juices | 0 |
| | 6885 alcoholic beverages | 0 |
| | 6887 groceries | 1 |
| | 7110 machinery (not elec) | 3 |
| | 7120 electrical machinery | 0 |
| | 7210 vehicles & parts | 0 |
| | 7230 ships & boats | 1 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|------------------------------|--|------------------|
| Project | | |
| NAKNEK RIVER, AK - continued | 7400 manufac. wood prod. | 3 |
| | 7900 manufac. prod. nec | 10 |
| | Total Tons(x1000) | 61 |
| | Total Ton-miles(x1000) | 131 |
| NINILCHIK HARBOR, AK | 3285 perfumes & cleansers | 0 |
| | 4189 lumber | 0 |
| | 5290 misc. mineral prod. | 0 |
| | 7110 machinery (not elec) | 0 |
| | 7210 vehicles & parts | 0 |
| | 7400 manufac. wood prod. | 0 |
| | Total Tons(x1000) | 0 |
| NOME, AK | 2211 gasoline | 4 |
| | 2330 distillate fuel oil | 10 |
| | 2350 lube oil & greases | 0 |
| | 2429 naphtha & solvents | 0 |
| | 2540 petroleum coke | 1 |
| | 2640 liquid natural gas | 0 |
| | 2990 petro. products nec | 0 |
| | 3211 acyclic hydrocarbons | 0 |
| | 3220 alcohols | 0 |
| | 3275 inorg. elem., oxides, & halogen salts | 0 |
| | 3276 metallic salts | 0 |
| | 3282 pigments & paints | 0 |
| | 3299 chem. products nec | 0 |
| | 4170 wood in the rough | 0 |
| | 4189 lumber | 4 |
| | 4331 sand & gravel | 30 |
| | 4900 non-metal. min. nec | 0 |
| | 5190 paper products nec | 0 |
| | 5220 cement & concrete | 0 |
| | 5240 glass & glass prod. | 0 |
| | 5290 misc. mineral prod. | 4 |
| | 5330 i&s plates & sheets | 0 |
| | 5370 i&s pipe & tube | 1 |
| | 5480 fab. metal products | 9 |
| | 5540 primary wood prod. | 0 |
| | 6136 shellfish | 0 |
| | 6885 alcoholic beverages | 0 |
| | 6887 groceries | 0 |
| | 6889 food products nec | 0 |
| | 7110 machinery (not elec) | 3 |
| | 7120 electrical machinery | 0 |
| | 7210 vehicles & parts | 1 |
| | 7230 ships & boats | 0 |
| | 7400 manufac. wood prod. | 3 |
| | 7500 textile products | 0 |
| | 7600 rubber & plastic pr. | 0 |
| | 7900 manufac. prod. nec | 2 |
| | Total Tons(x1000) | 75 |
| OLD HARBOR, AK | 2211 gasoline | 0 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|----------------------------|---------------------------|------------------|
| Project | | |
| OLD HARBOR, AK - continued | 2330 distillate fuel oil | 0 |
| | 7110 machinery (not elec) | 0 |
| | 7210 vehicles & parts | 0 |
| | 7230 ships & boats | 0 |
| | 7900 manufac. prod. nec | 0 |
| | Total Tons(x1000) | 0 |
| PELICAN HARBOR, AK | 2211 gasoline | 0 |
| | 2330 distillate fuel oil | 2 |
| | 6134 fish (not shellfish) | 3 |
| | 7900 manufac. prod. nec | 2 |
| | Total Tons(x1000) | 6 |
| PETERSBURG HARBOR, AK | 2211 gasoline | 3 |
| | 2330 distillate fuel oil | 10 |
| | 2350 lube oil & greases | 0 |
| | 2640 liquid natural gas | 0 |
| | 3220 alcohols | 0 |
| | 3273 ammonia | 0 |
| | 3282 pigments & paints | 1 |
| | 3293 explosives | 0 |
| | 4170 wood in the rough | 0 |
| | 4189 lumber | 1 |
| | 4331 sand & gravel | 1 |
| | 4420 iron & steel scrap | 0 |
| | 4690 non-ferrous ores nec | 0 |
| | 4782 clay & refrac. mat. | 0 |
| | 4900 non-metal. min. nec | 0 |
| | 5190 paper products nec | 1 |
| | 5220 cement & concrete | 0 |
| | 5240 glass & glass prod. | 0 |
| | 5290 misc. mineral prod. | 0 |
| | 5480 fab. metal products | 3 |
| | 6134 fish (not shellfish) | 12 |
| | 6136 shellfish | 0 |
| | 6654 vegetables & prod. | 0 |
| | 6811 meat, fresh, frozen | 0 |
| | 6835 fish, prepared | 1 |
| | 6858 fruit juices | 0 |
| | 6885 alcoholic beverages | 1 |
| | 6887 groceries | 0 |
| | 6889 food products nec | 1 |
| | 7110 machinery (not elec) | 2 |
| | 7120 electrical machinery | 1 |
| | 7210 vehicles & parts | 2 |
| | 7230 ships & boats | 1 |
| | 7400 manufac. wood prod. | 1 |
| | 7500 textile products | 0 |
| | 7600 rubber & plastic pr. | 1 |
| | 7900 manufac. prod. nec | 12 |
| | Total Tons(x1000) | 55 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|------------------------------------|---------------------------|------------------|
| Project | | |
| PORT ALEXANDER, AK | No Commerce Reported | |
| SELDOVIA HARBOR, AK | 4170 wood in the rough | 0 |
| | 4189 lumber | 0 |
| | 4335 waterway improv. mat | 1 |
| | 5480 fab. metal products | 0 |
| | 7110 machinery (not elec) | 0 |
| | 7210 vehicles & parts | 0 |
| | 7900 manufac. prod. nec | 0 |
| | Total Tons(x1000) | 1 |
| SERGIUS AND WHITESTONE NARROWS, AK | 2211 gasoline | 1 |
| | 2330 distillate fuel oil | 0 |
| | 2350 lube oil & greases | 1 |
| | 2640 liquid natural gas | 2 |
| | 2990 petro. products nec | 1 |
| | 3190 fert. & mixes nec | 0 |
| | 3220 alcohols | 1 |
| | 3276 metallic salts | 0 |
| | 3282 pigments & paints | 1 |
| | 3286 plastics | 0 |
| | 3293 explosives | 0 |
| | 3299 chem. products nec | 0 |
| | 4150 fuel wood | 0 |
| | 4170 wood in the rough | 13 |
| | 4189 lumber | 6 |
| | 4225 pulp & waste paper | 0 |
| | 4338 soil & fill dirt | 0 |
| | 4410 iron ore | 0 |
| | 4420 iron & steel scrap | 0 |
| | 4900 non-metal. min. nec | 1 |
| | 5110 newsprint | 0 |
| | 5190 paper products nec | 6 |
| | 5220 cement & concrete | 0 |
| | 5240 glass & glass prod. | 0 |
| | 5290 misc. mineral prod. | 4 |
| | 5370 i&s pipe & tube | 0 |
| | 5390 primary i&s nec | 0 |
| | 5480 fab. metal products | 9 |
| | 5540 primary wood prod. | 1 |
| | 6134 fish (not shellfish) | 12 |
| | 6136 shellfish | 0 |
| | 6654 vegetables & prod. | 0 |
| | 6781 hay & fodder | 0 |
| | 6782 animal feed, prep. | 0 |
| | 6811 meat, fresh, frozen | 0 |
| | 6835 fish, prepared | 0 |
| | 6858 fruit juices | 0 |
| | 6885 alcoholic beverages | 2 |
| | 6887 groceries | 10 |
| | 6889 food products nec | 10 |
| | 7110 machinery (not elec) | 8 |
| | 7120 electrical machinery | 4 |
| | 7210 vehicles & parts | 6 |
| | 7220 aircraft & parts | 0 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|--|-------------------------------|------------------|
| Project | | |
| SERGIUS AND WHITESTONE NARROWS, AK - continued | 7230 ships & boats | 0 |
| | 7400 manufac. wood prod. | 4 |
| | 7500 textile products | 1 |
| | 7600 rubber & plastic pr. | 2 |
| | 7900 manufac. prod. nec | 51 |
| | Total Tons(x1000) | 159 |
| | Total Ton-miles(x1000) | 1,707 |
| SITKA HARBOR, AK | 2211 gasoline | 0 |
| | 2330 distillate fuel oil | 0 |
| | 2350 lube oil & greases | 0 |
| | 2640 liquid natural gas | 0 |
| | 2990 petro. products nec | 0 |
| | 3190 fert. & mixes nec | 0 |
| | 3219 other hydrocarbons | 0 |
| | 3240 nitrogen func. comp. | 0 |
| | 3250 organo- inorgan. comp | 0 |
| | 3276 metallic salts | 0 |
| | 3282 pigments & paints | 0 |
| | 3285 perfumes & cleansers | 0 |
| | 3286 plastics | 0 |
| | 3293 explosives | 0 |
| | 3297 chemical additives | 0 |
| | 3299 chem. products nec | 0 |
| | 4170 wood in the rough | 0 |
| | 4189 lumber | 2 |
| | 4225 pulp & waste paper | 6 |
| | 4338 soil & fill dirt | 0 |
| | 4420 iron & steel scrap | 0 |
| | 4900 non-metal. min. nec | 0 |
| | 5190 paper products nec | 1 |
| | 5220 cement & concrete | 0 |
| | 5240 glass & glass prod. | 0 |
| | 5290 misc. mineral prod. | 1 |
| | 5370 i&s pipe & tube | 0 |
| | 5429 smelted prod. nec | 0 |
| | 5480 fab. metal products | 2 |
| | 5540 primary wood prod. | 0 |
| | 6134 fish (not shellfish) | 11 |
| | 6136 shellfish | 0 |
| | 6654 vegetables & prod. | 0 |
| | 6747 grain mill products | 0 |
| | 6811 meat, fresh, frozen | 0 |
| | 6835 fish, prepared | 0 |
| | 6858 fruit juices | 0 |
| | 6885 alcoholic beverages | 0 |
| | 6887 groceries | 6 |
| | 6889 food products nec | 2 |
| | 6893 cotton | 0 |
| | 7110 machinery (not elec) | 2 |
| | 7120 electrical machinery | 1 |
| | 7210 vehicles & parts | 2 |
| | 7230 ships & boats | 0 |
| | 7400 manufac. wood prod. | 1 |
| | 7500 textile products | 0 |
| | 7600 rubber & plastic pr. | 0 |
| | 7900 manufac. prod. nec | 13 |
| | Total Tons(x1000) | 51 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|--------------------|---------------------------|------------------|
| Project | | |
| SKAGWAY HARBOR, AK | 2211 gasoline | 41 |
| | 2221 kerosene | 1 |
| | 2330 distillate fuel oil | 55 |
| | 2350 lube oil & greases | 0 |
| | 3282 pigments & paints | 0 |
| | 3293 explosives | 0 |
| | 4170 wood in the rough | 19 |
| | 4189 lumber | 0 |
| | 4420 iron & steel scrap | 5 |
| | 5220 cement & concrete | 0 |
| | 5290 misc. mineral prod. | 0 |
| | 5480 fab. metal products | 1 |
| | 6134 fish (not shellfish) | 0 |
| | 6885 alcoholic beverages | 0 |
| | 6889 food products nec | 1 |
| | 7110 machinery (not elec) | 0 |
| | 7120 electrical machinery | 0 |
| | 7210 vehicles & parts | 0 |
| | 7400 manufac. wood prod. | 0 |
| | 7500 textile products | 0 |
| | 7600 rubber & plastic pr. | 0 |
| | 7900 manufac. prod. nec | 2 |
| | 9900 unknown or nec | 0 |
| | Total Tons(x1000) | 128 |
| STIKINE RIVER, AK | 4331 sand & gravel | 18 |
| | 7110 machinery (not elec) | 0 |
| | 7900 manufac. prod. nec | 0 |
| | Total Tons(x1000) | 18 |
| Non-project | | |
| AFOGNAK BAY, AK | 2211 gasoline | 0 |
| | 2330 distillate fuel oil | 1 |
| | 4170 wood in the rough | 394 |
| | 4900 non-metal. min. nec | 0 |
| | 5190 paper products nec | 0 |
| | 5370 i&s pipe & tube | 0 |
| | 5480 fab. metal products | 0 |
| | 6134 fish (not shellfish) | 11 |
| | 6136 shellfish | 1 |
| | 6654 vegetables & prod. | 0 |
| | 6811 meat, fresh, frozen | 0 |
| | 6858 fruit juices | 0 |
| | 7210 vehicles & parts | 0 |
| | 7230 ships & boats | 0 |
| | 7500 textile products | 0 |
| | 7600 rubber & plastic pr. | 0 |
| | 7900 manufac. prod. nec | 0 |
| | Total Tons(x1000) | 407 |
| CHATHAM STRAIT, AK | 2211 gasoline | 7 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|--------------------------------|-------------------------------|------------------|
| Non-project | | |
| CHATHAM STRAIT, AK - continued | 2221 kerosene | 0 |
| | 2330 distillate fuel oil | 24 |
| | 2350 lube oil & greases | 0 |
| | 2430 asphalt, tar & pitch | 5 |
| | 2640 liquid natural gas | 1 |
| | 2990 petro. products nec | 0 |
| | 3190 fert. & mixes nec | 0 |
| | 3276 metallic salts | 0 |
| | 3282 pigments & paints | 0 |
| | 3286 plastics | 0 |
| | 3293 explosives | 0 |
| | 3299 chem. products nec | 0 |
| | 4170 wood in the rough | 511 |
| | 4189 lumber | 3 |
| | 4225 pulp & waste paper | 0 |
| | 4338 soil & fill dirt | 0 |
| | 4410 iron ore | 0 |
| | 4420 iron & steel scrap | 2 |
| | 4782 clay & refrac. mat. | 0 |
| | 4900 non-metal. min. nec | 0 |
| | 5190 paper products nec | 2 |
| | 5220 cement & concrete | 0 |
| | 5240 glass & glass prod. | 0 |
| | 5290 misc. mineral prod. | 1 |
| | 5370 i&s pipe & tube | 0 |
| | 5480 fab. metal products | 3 |
| | 5540 primary wood prod. | 0 |
| | 6134 fish (not shellfish) | 13 |
| | 6136 shellfish | 0 |
| | 6654 vegetables & prod. | 0 |
| | 6811 meat, fresh, frozen | 0 |
| | 6835 fish, prepared | 0 |
| | 6858 fruit juices | 0 |
| | 6885 alcoholic beverages | 0 |
| | 6887 groceries | 6 |
| | 6889 food products nec | 4 |
| | 7110 machinery (not elec) | 10 |
| | 7120 electrical machinery | 2 |
| | 7210 vehicles & parts | 5 |
| | 7220 aircraft & parts | 0 |
| | 7230 ships & boats | 0 |
| | 7400 manufac. wood prod. | 1 |
| | 7500 textile products | 0 |
| | 7600 rubber & plastic pr. | 0 |
| | 7900 manufac. prod. nec | 32 |
| | 9900 unknown or nec | 0 |
| | Total Tons(x1000) | 634 |
| | Total Ton-miles(x1000) | 31,463 |
| CLARENCE STRAIT, AK | 1100 coal lignite | 0 |
| | 2211 gasoline | 15 |
| | 2330 distillate fuel oil | 53 |
| | 2350 lube oil & greases | 1 |
| | 2540 petroleum coke | 0 |
| | 2640 liquid natural gas | 3 |
| | 2990 petro. products nec | 1 |
| | 3110 nitrogenous fert. | 0 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|---------------------------------|---|------------------|
| Non-project | | |
| CLARENCE STRAIT, AK - continued | 3190 fert. & mixes nec | 1 |
| | 3220 alcohols | 1 |
| | 3273 ammonia | 0 |
| | 3275 inorg. elem., oxides, & halogen salts | 0 |
| | 3276 metallic salts | 0 |
| | 3282 pigments & paints | 2 |
| | 3286 plastics | 0 |
| | 3293 explosives | 1 |
| | 3299 chem. products nec | 1 |
| | 4110 rubber & gums | 0 |
| | 4150 fuel wood | 22 |
| | 4161 wood chips | 158 |
| | 4170 wood in the rough | 1,255 |
| | 4189 lumber | 133 |
| | 4190 forest products nec | 0 |
| | 4225 pulp & waste paper | 0 |
| | 4331 sand & gravel | 3 |
| | 4338 soil & fill dirt | 0 |
| | 4410 iron ore | 0 |
| | 4420 iron & steel scrap | 10 |
| | 4690 non-ferrous ores nec | 3 |
| | 4900 non-metal. min. nec | 1 |
| | 5110 newsprint | 0 |
| | 5190 paper products nec | 7 |
| | 5220 cement & concrete | 1 |
| | 5240 glass & glass prod. | 1 |
| | 5290 misc. mineral prod. | 11 |
| | 5360 i&s bars & shapes | 0 |
| | 5370 i&s pipe & tube | 0 |
| | 5390 primary i&s nec | 0 |
| | 5422 aluminum | 0 |
| | 5480 fab. metal products | 14 |
| | 5540 primary wood prod. | 1 |
| | 6134 fish (not shellfish) | 29 |
| | 6136 shellfish | 0 |
| | 6654 vegetables & prod. | 0 |
| | 6781 hay & fodder | 0 |
| | 6782 animal feed, prep. | 0 |
| | 6811 meat, fresh, frozen | 0 |
| | 6835 fish, prepared | 1 |
| | 6858 fruit juices | 0 |
| | 6885 alcoholic beverages | 5 |
| | 6887 groceries | 25 |
| | 6889 food products nec | 15 |
| | 6899 farm products nec | 0 |
| | 7110 machinery (not elec) | 20 |
| | 7120 electrical machinery | 6 |
| | 7210 vehicles & parts | 12 |
| | 7220 aircraft & parts | 0 |
| | 7230 ships & boats | 1 |
| | 7300 ordnance & access. | 0 |
| | 7400 manufac. wood prod. | 37 |
| | 7500 textile products | 2 |
| | 7600 rubber & plastic pr. | 3 |
| | 7900 manufac. prod. nec | 81 |
| | 9900 unknown or nec | 0 |
| | Total Tons(x1000) | 1,938 |
| | Total Ton-miles(x1000) | 95,902 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|---------------------|---------------------------|------------------|
| Non-project | | |
| FREDERICK SOUND, AK | 2211 gasoline | 13 |
| | 2221 kerosene | 0 |
| | 2330 distillate fuel oil | 40 |
| | 2350 lube oil & greases | 1 |
| | 2430 asphalt, tar & pitch | 5 |
| | 2540 petroleum coke | 0 |
| | 2640 liquid natural gas | 2 |
| | 2990 petro. products nec | 1 |
| | 3110 nitrogenous fert. | 0 |
| | 3190 fert. & mixes nec | 0 |
| | 3220 alcohols | 1 |
| | 3276 metallic salts | 0 |
| | 3282 pigments & paints | 1 |
| | 3286 plastics | 0 |
| | 3293 explosives | 1 |
| | 3299 chem. products nec | 0 |
| | 4150 fuel wood | 0 |
| | 4170 wood in the rough | 359 |
| | 4189 lumber | 11 |
| | 4190 forest products nec | 0 |
| | 4225 pulp & waste paper | 0 |
| | 4331 sand & gravel | 2 |
| | 4338 soil & fill dirt | 0 |
| | 4410 iron ore | 0 |
| | 4420 iron & steel scrap | 9 |
| | 4782 clay & refrac. mat. | 0 |
| | 4900 non-metal. min. nec | 1 |
| | 5110 newsprint | 0 |
| | 5190 paper products nec | 6 |
| | 5220 cement & concrete | 1 |
| | 5240 glass & glass prod. | 0 |
| | 5290 misc. mineral prod. | 10 |
| | 5370 i&s pipe & tube | 0 |
| | 5422 aluminum | 0 |
| | 5480 fab. metal products | 10 |
| | 5540 primary wood prod. | 1 |
| | 6134 fish (not shellfish) | 18 |
| | 6136 shellfish | 0 |
| | 6654 vegetables & prod. | 0 |
| | 6781 hay & fodder | 0 |
| | 6782 animal feed, prep. | 0 |
| | 6811 meat, fresh, frozen | 0 |
| | 6835 fish, prepared | 0 |
| | 6858 fruit juices | 0 |
| | 6885 alcoholic beverages | 4 |
| | 6887 groceries | 26 |
| | 6889 food products nec | 10 |
| | 6899 farm products nec | 0 |
| | 7110 machinery (not elec) | 11 |
| | 7120 electrical machinery | 4 |
| | 7210 vehicles & parts | 10 |
| | 7220 aircraft & parts | 0 |
| | 7230 ships & boats | 1 |
| | 7300 ordnance & access. | 0 |
| | 7400 manufac. wood prod. | 8 |
| | 7500 textile products | 1 |
| | 7600 rubber & plastic pr. | 2 |
| | 7900 manufac. prod. nec | 72 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|---------------------------------|-------------------------------|------------------|
| Non-project | | |
| FREDERICK SOUND, AK - continued | 9900 unknown or nec | 0 |
| | Total Tons(x1000) | 644 |
| | Total Ton-miles(x1000) | 38,054 |
| ICY STRAIT, AK | 2211 gasoline | 56 |
| | 2221 kerosene | 1 |
| | 2330 distillate fuel oil | 79 |
| | 2350 lube oil & greases | 1 |
| | 2640 liquid natural gas | 1 |
| | 2990 petro. products nec | 1 |
| | 3190 fert. & mixes nec | 0 |
| | 3282 pigments & paints | 0 |
| | 3293 explosives | 0 |
| | 4170 wood in the rough | 525 |
| | 4189 lumber | 1 |
| | 4331 sand & gravel | 0 |
| | 4420 iron & steel scrap | 3 |
| | 4782 clay & refrac. mat. | 0 |
| | 4860 slag | 0 |
| | 4900 non-metal. min. nec | 1 |
| | 5190 paper products nec | 1 |
| | 5220 cement & concrete | 0 |
| | 5290 misc. mineral prod. | 0 |
| | 5480 fab. metal products | 0 |
| | 5540 primary wood prod. | 0 |
| | 6134 fish (not shellfish) | 8 |
| | 6835 fish, prepared | 0 |
| | 6885 alcoholic beverages | 0 |
| | 6887 groceries | 0 |
| | 6889 food products nec | 2 |
| | 7110 machinery (not elec) | 12 |
| | 7210 vehicles & parts | 1 |
| | 7220 aircraft & parts | 0 |
| | 7230 ships & boats | 0 |
| | 7400 manufac. wood prod. | 1 |
| | 7600 rubber & plastic pr. | 0 |
| | 7900 manufac. prod. nec | 13 |
| | 9900 unknown or nec | 0 |
| | Total Tons(x1000) | 709 |
| | Total Ton-miles(x1000) | 22,514 |
| NICHOLS PASSAGE, AK | 1100 coal lignite | 0 |
| | 2211 gasoline | 0 |
| | 2330 distillate fuel oil | 0 |
| | 2990 petro. products nec | 0 |
| | 3293 explosives | 0 |
| | 3299 chem. products nec | 0 |
| | 4110 rubber & gums | 0 |
| | 4161 wood chips | 74 |
| | 4170 wood in the rough | 406 |
| | 4189 lumber | 63 |
| | 4190 forest products nec | 0 |
| | 4225 pulp & waste paper | 0 |
| | 4331 sand & gravel | 1 |
| | 4420 iron & steel scrap | 0 |
| | 5190 paper products nec | 0 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|---------------------------------|-------------------------------|------------------|
| Non-project | | |
| NICHOLS PASSAGE, AK - continued | 5220 cement & concrete | 0 |
| | 5240 glass & glass prod. | 0 |
| | 5480 fab. metal products | 1 |
| | 6885 alcoholic beverages | 0 |
| | 6887 groceries | 0 |
| | 6889 food products nec | 5 |
| | 7110 machinery (not elec) | 2 |
| | 7120 electrical machinery | 0 |
| | 7210 vehicles & parts | 0 |
| | 7400 manufac. wood prod. | 4 |
| | 7500 textile products | 0 |
| | 7600 rubber & plastic pr. | 0 |
| | 7900 manufac. prod. nec | 1 |
| | Total Tons(x1000) | 560 |
| | Total Ton-miles(x1000) | 3,406 |
| NIKISHKA, AK | 2100 crude petroleum | 1,582 |
| | 2211 gasoline | 48 |
| | 2221 kerosene | 32 |
| | 2330 distillate fuel oil | 42 |
| | 2340 residual fuel oil | 683 |
| | 2640 liquid natural gas | 1,233 |
| | 3110 nitrogenous fert. | 413 |
| | 3273 ammonia | 274 |
| | 5480 fab. metal products | 0 |
| | 6134 fish (not shellfish) | 4 |
| | 6136 shellfish | 0 |
| | 7110 machinery (not elec) | 4 |
| | 7230 ships & boats | 9 |
| | 7900 manufac. prod. nec | 2 |
| | 9900 unknown or nec | 0 |
| | Total Tons(x1000) | 4,326 |
| PRINCE WALES IS. WEST SIDE, AK | 2211 gasoline | 0 |
| | 2330 distillate fuel oil | 1 |
| | 3282 pigments & paints | 0 |
| | 3293 explosives | 0 |
| | 4170 wood in the rough | 530 |
| | 4189 lumber | 13 |
| | 4190 forest products nec | 0 |
| | 5480 fab. metal products | 0 |
| | 5540 primary wood prod. | 0 |
| | 6134 fish (not shellfish) | 0 |
| | 7110 machinery (not elec) | 6 |
| | 7210 vehicles & parts | 0 |
| | 7230 ships & boats | 0 |
| | 7600 rubber & plastic pr. | 0 |
| | 7900 manufac. prod. nec | 0 |
| | Total Tons(x1000) | 551 |
| REVILLAGIGADO CHANNEL, AK | 1100 coal lignite | 1 |
| | 2211 gasoline | 42 |
| | 2330 distillate fuel oil | 94 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|---------------------------------------|---|------------------|
| Non-project | | |
| REVILLAGIGADO CHANNEL, AK - continued | 2340 residual fuel oil | 46 |
| | 2350 lube oil & greases | 1 |
| | 2540 petroleum coke | 0 |
| | 2640 liquid natural gas | 4 |
| | 2990 petro. products nec | 3 |
| | 3110 nitrogenous fert. | 0 |
| | 3190 fert. & mixes nec | 0 |
| | 3220 alcohols | 1 |
| | 3230 carboxylic acids | 0 |
| | 3240 nitrogen func. comp. | 0 |
| | 3250 organo- inorgan. comp | 0 |
| | 3260 organic comp. nec | 0 |
| | 3272 sulphuric acid | 1 |
| | 3273 ammonia | 0 |
| | 3274 sodium hydroxide | 18 |
| | 3275 inorg. elem., oxides, & halogen salts | 3 |
| | 3276 metallic salts | 0 |
| | 3282 pigments & paints | 3 |
| | 3285 perfumes & cleansers | 0 |
| | 3286 plastics | 1 |
| | 3291 pesticides | 0 |
| | 3293 explosives | 2 |
| | 3297 chemical additives | 0 |
| | 3298 wood & resin chem. | 0 |
| | 3299 chem. products nec | 7 |
| | 4110 rubber & gums | 0 |
| | 4150 fuel wood | 22 |
| | 4161 wood chips | 127 |
| | 4170 wood in the rough | 467 |
| | 4189 lumber | 139 |
| | 4190 forest products nec | 1 |
| | 4225 pulp & waste paper | 179 |
| | 4331 sand & gravel | 3 |
| | 4338 soil & fill dirt | 0 |
| | 4420 iron & steel scrap | 11 |
| | 4690 non-ferrous ores nec | 47 |
| | 4741 sulphur, (dry) | 2 |
| | 4782 clay & refrac. mat. | 0 |
| | 4900 non-metal. min. nec | 1 |
| | 5110 newsprint | 1 |
| | 5120 paper & paperboard | 0 |
| | 5190 paper products nec | 8 |
| | 5220 cement & concrete | 4 |
| | 5240 glass & glass prod. | 3 |
| | 5290 misc. mineral prod. | 13 |
| | 5330 i&s plates & sheets | 3 |
| | 5360 i&s bars & shapes | 0 |
| | 5370 i&s pipe & tube | 0 |
| | 5390 primary i&s nec | 0 |
| | 5422 aluminum | 0 |
| | 5480 fab. metal products | 32 |
| | 5540 primary wood prod. | 1 |
| | 6134 fish (not shellfish) | 42 |
| | 6136 shellfish | 0 |
| | 6654 vegetables & prod. | 0 |
| | 6747 grain mill products | 0 |
| | 6781 hay & fodder | 0 |
| | 6782 animal feed, prep. | 1 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|---------------------------------------|-------------------------------|------------------|
| Non-project | | |
| REVILLAGIGADO CHANNEL, AK - continued | 6811 meat, fresh, frozen | 0 |
| | 6835 fish, prepared | 2 |
| | 6858 fruit juices | 0 |
| | 6885 alcoholic beverages | 6 |
| | 6887 groceries | 26 |
| | 6889 food products nec | 38 |
| | 6891 tobacco & products | 0 |
| | 6899 farm products nec | 0 |
| | 7110 machinery (not elec) | 49 |
| | 7120 electrical machinery | 8 |
| | 7210 vehicles & parts | 20 |
| | 7220 aircraft & parts | 0 |
| | 7230 ships & boats | 2 |
| | 7300 ordnance & access. | 0 |
| | 7400 manufac. wood prod. | 60 |
| | 7500 textile products | 3 |
| | 7600 rubber & plastic pr. | 4 |
| | 7900 manufac. prod. nec | 115 |
| | 9900 unknown or nec | 0 |
| | Total Tons(x1000) | 1,670 |
| | Total Ton-miles(x1000) | 71,695 |
| STEPHENS PASSAGE, AK | 2211 gasoline | 9 |
| | 2221 kerosene | 0 |
| | 2330 distillate fuel oil | 27 |
| | 2340 residual fuel oil | 0 |
| | 2350 lube oil & greases | 1 |
| | 2430 asphalt, tar & pitch | 5 |
| | 2540 petroleum coke | 0 |
| | 2640 liquid natural gas | 2 |
| | 2990 petro. products nec | 1 |
| | 3110 nitrogenous fert. | 0 |
| | 3190 fert. & mixes nec | 0 |
| | 3220 alcohols | 1 |
| | 3276 metallic salts | 0 |
| | 3282 pigments & paints | 1 |
| | 3286 plastics | 0 |
| | 3293 explosives | 0 |
| | 3299 chem. products nec | 0 |
| | 4150 fuel wood | 0 |
| | 4170 wood in the rough | 110 |
| | 4189 lumber | 9 |
| | 4190 forest products nec | 0 |
| | 4225 pulp & waste paper | 0 |
| | 4331 sand & gravel | 0 |
| | 4338 soil & fill dirt | 0 |
| | 4410 iron ore | 0 |
| | 4420 iron & steel scrap | 7 |
| | 4782 clay & refrac. mat. | 0 |
| | 4900 non-metal. min. nec | 1 |
| | 5110 newsprint | 0 |
| | 5190 paper products nec | 4 |
| | 5220 cement & concrete | 1 |
| | 5240 glass & glass prod. | 0 |
| | 5290 misc. mineral prod. | 10 |
| | 5370 i&s pipe & tube | 0 |
| | 5422 aluminum | 0 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|----------------------------------|--|------------------|
| Non-project | | |
| STEPHENS PASSAGE, AK - continued | 5480 fab. metal products | 7 |
| | 5540 primary wood prod. | 1 |
| | 6134 fish (not shellfish) | 5 |
| | 6136 shellfish | 0 |
| | 6654 vegetables & prod. | 0 |
| | 6781 hay & fodder | 0 |
| | 6782 animal feed, prep. | 0 |
| | 6835 fish, prepared | 0 |
| | 6885 alcoholic beverages | 4 |
| | 6887 groceries | 20 |
| | 6889 food products nec | 6 |
| | 6899 farm products nec | 0 |
| | 7110 machinery (not elec) | 7 |
| | 7120 electrical machinery | 3 |
| | 7210 vehicles & parts | 8 |
| | 7220 aircraft & parts | 0 |
| | 7230 ships & boats | 0 |
| | 7300 ordnance & access. | 0 |
| | 7400 manufac. wood prod. | 7 |
| | 7500 textile products | 1 |
| | 7600 rubber & plastic pr. | 2 |
| | 7900 manufac. prod. nec | 53 |
| | 9900 unknown or nec | 0 |
| | Total Tons(x1000) | 319 |
| | Total Ton-miles(x1000) | 18,626 |
| SUMNER STRAIT, AK | 1100 coal lignite | 0 |
| | 2211 gasoline | 15 |
| | 2330 distillate fuel oil | 51 |
| | 2350 lube oil & greases | 1 |
| | 2540 petroleum coke | 0 |
| | 2640 liquid natural gas | 2 |
| | 2990 petro. products nec | 1 |
| | 3110 nitrogenous fert. | 0 |
| | 3190 fert. & mixes nec | 0 |
| | 3220 alcohols | 1 |
| | 3273 ammonia | 0 |
| | 3275 inorg. elem., oxides, & halogen salts | 0 |
| | 3276 metallic salts | 0 |
| | 3282 pigments & paints | 1 |
| | 3286 plastics | 0 |
| | 3293 explosives | 1 |
| | 3299 chem. products nec | 1 |
| | 4110 rubber & gums | 0 |
| | 4150 fuel wood | 22 |
| | 4161 wood chips | 98 |
| | 4170 wood in the rough | 327 |
| | 4189 lumber | 43 |
| | 4190 forest products nec | 0 |
| | 4225 pulp & waste paper | 0 |
| | 4331 sand & gravel | 23 |
| | 4338 soil & fill dirt | 0 |
| | 4410 iron ore | 0 |
| | 4420 iron & steel scrap | 10 |
| | 4690 non-ferrous ores nec | 2 |
| | 4900 non-metal. min. nec | 1 |
| | 5110 newsprint | 0 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|-------------------------------|--|------------------|
| Non-project | | |
| SUMNER STRAIT, AK - continued | 5190 paper products nec | 7 |
| | 5220 cement & concrete | 1 |
| | 5240 glass & glass prod. | 1 |
| | 5290 misc. mineral prod. | 11 |
| | 5360 i&s bars & shapes | 0 |
| | 5370 i&s pipe & tube | 0 |
| | 5390 primary i&s nec | 0 |
| | 5422 aluminum | 0 |
| | 5480 fab. metal products | 13 |
| | 5540 primary wood prod. | 1 |
| | 6134 fish (not shellfish) | 29 |
| | 6136 shellfish | 0 |
| | 6654 vegetables & prod. | 0 |
| | 6781 hay & fodder | 0 |
| | 6782 animal feed, prep. | 0 |
| | 6811 meat, fresh, frozen | 0 |
| | 6835 fish, prepared | 1 |
| | 6858 fruit juices | 0 |
| | 6885 alcoholic beverages | 5 |
| | 6887 groceries | 25 |
| | 6889 food products nec | 15 |
| | 6899 farm products nec | 0 |
| | 7110 machinery (not elec) | 16 |
| | 7120 electrical machinery | 5 |
| | 7210 vehicles & parts | 11 |
| | 7220 aircraft & parts | 0 |
| | 7230 ships & boats | 1 |
| | 7300 ordnance & access. | 0 |
| | 7400 manufac. wood prod. | 37 |
| | 7500 textile products | 2 |
| | 7600 rubber & plastic pr. | 3 |
| | 7900 manufac. prod. nec | 80 |
| | Total Tons(x1000) | 869 |
| | Total Ton-miles(x1000) | 22,483 |
| TONGASS NARROWS, AK | 1100 coal lignite | 0 |
| | 2211 gasoline | 15 |
| | 2330 distillate fuel oil | 53 |
| | 2350 lube oil & greases | 1 |
| | 2540 petroleum coke | 0 |
| | 2640 liquid natural gas | 2 |
| | 2990 petro. products nec | 1 |
| | 3110 nitrogenous fert. | 0 |
| | 3190 fert. & mixes nec | 1 |
| | 3220 alcohols | 1 |
| | 3273 ammonia | 0 |
| | 3275 inorg. elem., oxides, & halogen salts | 0 |
| | 3276 metallic salts | 0 |
| | 3282 pigments & paints | 2 |
| | 3286 plastics | 0 |
| | 3293 explosives | 1 |
| | 3299 chem. products nec | 1 |
| | 4110 rubber & gums | 0 |
| | 4150 fuel wood | 22 |
| | 4161 wood chips | 158 |
| | 4170 wood in the rough | 746 |
| | 4189 lumber | 44 |

Other Harbors and Waterways - continued

| Harbor or Waterway | Commodity | Tons Thousand |
|---------------------------------|-------------------------------|------------------|
| Non-project | | |
| TONGASS NARROWS, AK - continued | 4190 forest products nec | 0 |
| | 4225 pulp & waste paper | 0 |
| | 4331 sand & gravel | 2 |
| | 4338 soil & fill dirt | 0 |
| | 4420 iron & steel scrap | 10 |
| | 4690 non-ferrous ores nec | 2 |
| | 4900 non-metal. min. nec | 1 |
| | 5110 newsprint | 0 |
| | 5190 paper products nec | 7 |
| | 5220 cement & concrete | 1 |
| | 5240 glass & glass prod. | 1 |
| | 5290 misc. mineral prod. | 11 |
| | 5360 i&s bars & shapes | 0 |
| | 5370 i&s pipe & tube | 0 |
| | 5390 primary i&s nec | 0 |
| | 5422 aluminum | 0 |
| | 5480 fab. metal products | 14 |
| | 5540 primary wood prod. | 1 |
| | 6134 fish (not shellfish) | 28 |
| | 6136 shellfish | 0 |
| | 6654 vegetables & prod. | 0 |
| | 6781 hay & fodder | 0 |
| | 6782 animal feed, prep. | 0 |
| | 6811 meat, fresh, frozen | 0 |
| | 6835 fish, prepared | 1 |
| | 6858 fruit juices | 0 |
| | 6885 alcoholic beverages | 5 |
| | 6887 groceries | 25 |
| | 6889 food products nec | 15 |
| | 6899 farm products nec | 0 |
| | 7110 machinery (not elec) | 17 |
| | 7120 electrical machinery | 6 |
| | 7210 vehicles & parts | 12 |
| | 7220 aircraft & parts | 0 |
| | 7230 ships & boats | 1 |
| | 7300 ordnance & access. | 0 |
| | 7400 manufac. wood prod. | 37 |
| | 7500 textile products | 2 |
| | 7600 rubber & plastic pr. | 3 |
| | 7900 manufac. prod. nec | 80 |
| | Total Tons(x1000) | 1,333 |
| | Total Ton-miles(x1000) | 18,657 |

Section 2

Trips and Drafts of Vessels

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

SAN DIEGO HARBOR, CA

| | Inbound | | | | | | Outbound | | | | | |
|--------------------|---------------|---------------|-----------|------------|-----------|----------|---------------|---------------|-----------|------------|-----------|----------|
| Grand Total | 11,734 | 11,050 | 10 | 642 | 30 | 2 | 11,749 | 11,069 | 10 | 641 | 27 | 2 |

FOREIGN

| | | | | | | | | | | | | |
|--------------|------------|------------|----------|-----------|----------|----------|------------|------------|----------|----------|----------|----------|
| Total | 909 | 887 | 6 | 10 | 5 | 1 | 925 | 905 | 7 | 8 | 4 | 1 |
| 38 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 36 | 2 | 1 | 1 | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 35 | 6 | 6 | --- | --- | --- | --- | 5 | 5 | --- | --- | --- | --- |
| 34 | 2 | 2 | --- | --- | --- | --- | 4 | 4 | --- | --- | --- | --- |
| 33 | 2 | 2 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 32 | 3 | 3 | --- | --- | --- | --- | 7 | 7 | --- | --- | --- | --- |
| 31 | 3 | 3 | --- | --- | --- | --- | 2 | 1 | 1 | --- | --- | --- |
| 30 | 6 | 5 | 1 | --- | --- | --- | 9 | 9 | --- | --- | --- | --- |
| 29 | 7 | 7 | --- | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| 28 | 5 | 4 | 1 | --- | --- | --- | 11 | 11 | --- | --- | --- | --- |
| 27 | 8 | 7 | 1 | --- | --- | --- | 8 | 7 | 1 | --- | --- | --- |
| 26 | 4 | 4 | --- | --- | --- | --- | 4 | 2 | 2 | --- | --- | --- |
| 25 | 11 | 11 | --- | --- | --- | --- | 16 | 15 | 1 | --- | --- | --- |
| 24 | 25 | 24 | 1 | --- | --- | --- | 19 | 19 | --- | --- | --- | --- |
| 23 | 4 | 4 | --- | --- | --- | --- | 7 | 6 | 1 | --- | --- | --- |
| 22 | 75 | 74 | 1 | --- | --- | --- | 75 | 75 | --- | --- | --- | --- |
| 21 | 16 | 16 | --- | --- | --- | --- | 14 | 14 | --- | --- | --- | --- |
| 20 | 3 | 3 | --- | --- | --- | --- | 3 | 2 | 1 | --- | --- | --- |
| 19 | 14 | 14 | --- | --- | --- | --- | 15 | 15 | --- | --- | --- | --- |
| ≤ 18 | 713 | 697 | --- | 10 | 5 | 1 | 714 | 701 | --- | 8 | 4 | 1 |

DOMESTIC

| | | | | | | | | | | | | |
|---------------------|---------------|---------------|----------|------------|-----------|----------|---------------|---------------|----------|------------|---------------|----------|
| Total | 10,825 | 10,163 | 4 | 632 | 25 | 1 | 10,824 | 10,164 | 3 | 633 | 23 | 1 |
| 34 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 32 | 2 | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 26 | 1 | --- | 1 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| ≤ 18 | 10,821 | 10,163 | --- | 632 | 25 | 1 | 10,821 | 10,164 | --- | 633 | 23 | 1 |
| Total trips: | | | | | | | | | | | 23,483 | |

LONG BEACH HARBOR, CA

| | Inbound | | | | | | Outbound | | | | | |
|--------------------|---------------|--------------|------------|---------------|--------------|------------|---------------|--------------|------------|---------------|--------------|------------|
| Grand Total | 23,048 | 8,269 | 614 | 11,029 | 2,221 | 915 | 23,072 | 8,293 | 602 | 11,049 | 2,217 | 911 |

FOREIGN

| | | | | | | | | | | | | |
|--------------|--------------|--------------|------------|-----------|-----------|----------|--------------|--------------|------------|-----------|-----------|------------|
| Total | 1,939 | 1,706 | 209 | 12 | 11 | 1 | 1,935 | 1,704 | 207 | 13 | 11 | --- |
| 57 | 1 | --- | 1 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 56 | 1 | --- | 1 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 55 | 2 | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 54 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 52 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 50 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

LONG BEACH HARBOR, CA - continued
Inbound

Outbound

FOREIGN

| | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 49 | 1 | --- | 1 | --- | --- | --- | 2 | 1 | 1 | --- | --- | --- |
| 48 | 1 | --- | 1 | --- | --- | --- | 4 | 4 | --- | --- | --- | --- |
| 47 | 2 | --- | 2 | --- | --- | --- | 4 | 1 | 3 | --- | --- | --- |
| 46 | --- | --- | --- | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 45 | --- | --- | --- | --- | --- | --- | 4 | 1 | 3 | --- | --- | --- |
| 44 | 2 | --- | 2 | --- | --- | --- | 5 | 3 | 2 | --- | --- | --- |
| 43 | 4 | 2 | 2 | --- | --- | --- | 11 | 7 | 4 | --- | --- | --- |
| 42 | 1 | 1 | --- | --- | --- | --- | 9 | 7 | 2 | --- | --- | --- |
| 41 | 4 | 1 | 3 | --- | --- | --- | 12 | 10 | 2 | --- | --- | --- |
| 40 | 22 | 13 | 9 | --- | --- | --- | 30 | 25 | 5 | --- | --- | --- |
| 39 | 40 | 26 | 14 | --- | --- | --- | 56 | 54 | 2 | --- | --- | --- |
| 38 | 94 | 77 | 17 | --- | --- | --- | 113 | 104 | 9 | --- | --- | --- |
| 37 | 80 | 64 | 16 | --- | --- | --- | 51 | 49 | 2 | --- | --- | --- |
| 36 | 99 | 88 | 11 | --- | --- | --- | 68 | 66 | 2 | --- | --- | --- |
| 35 | 94 | 79 | 15 | --- | --- | --- | 81 | 69 | 12 | --- | --- | --- |
| 34 | 115 | 113 | 2 | --- | --- | --- | 101 | 96 | 5 | --- | --- | --- |
| 33 | 98 | 89 | 9 | --- | --- | --- | 80 | 76 | 4 | --- | --- | --- |
| 32 | 155 | 146 | 9 | --- | --- | --- | 156 | 148 | 8 | --- | --- | --- |
| 31 | 108 | 104 | 4 | --- | --- | --- | 93 | 88 | 5 | --- | --- | --- |
| 30 | 100 | 95 | 5 | --- | --- | --- | 113 | 105 | 8 | --- | --- | --- |
| 29 | 101 | 93 | 7 | --- | 1 | --- | 75 | 66 | 9 | --- | --- | --- |
| 28 | 101 | 95 | 6 | --- | --- | --- | 146 | 135 | 11 | --- | --- | --- |
| 27 | 96 | 91 | 5 | --- | --- | --- | 108 | 89 | 19 | --- | --- | --- |
| 26 | 76 | 66 | 10 | --- | --- | --- | 97 | 83 | 14 | --- | --- | --- |
| 25 | 93 | 83 | 10 | --- | --- | --- | 84 | 67 | 16 | --- | 1 | --- |
| 24 | 97 | 84 | 13 | --- | --- | --- | 76 | 62 | 14 | --- | --- | --- |
| 23 | 69 | 65 | 3 | 1 | --- | --- | 61 | 54 | 7 | --- | --- | --- |
| 22 | 67 | 60 | 6 | --- | 1 | --- | 73 | 58 | 13 | --- | 2 | --- |
| 21 | 52 | 48 | 4 | --- | --- | --- | 64 | 56 | 8 | --- | --- | --- |
| 20 | 42 | 38 | 4 | --- | --- | --- | 50 | 46 | 4 | --- | --- | --- |
| 19 | 31 | 26 | 4 | --- | 1 | --- | 19 | 19 | --- | --- | --- | --- |
| ≤ 18 | 89 | 59 | 10 | 11 | 8 | 1 | 83 | 55 | 7 | 13 | 8 | --- |

DOMESTIC

| | | | | | | | | | | | | |
|-------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------|-------|-----|
| Total | 21,109 | 6,563 | 405 | 11,017 | 2,210 | 914 | 21,137 | 6,589 | 395 | 11,036 | 2,206 | 911 |
| 59 | 1 | --- | 1 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 58 | 3 | --- | 3 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 57 | 17 | --- | 17 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 56 | 65 | --- | 65 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 55 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 51 | 2 | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 50 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 49 | 3 | --- | 3 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 48 | 2 | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 47 | 2 | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 46 | 1 | --- | 1 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 44 | 4 | --- | 4 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 43 | 12 | --- | 12 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 42 | 2 | --- | 2 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 41 | 4 | --- | 4 | --- | --- | --- | 5 | --- | 5 | --- | --- | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

LONG BEACH HARBOR, CA - continued

Inbound

Outbound

DOMESTIC

| | | | | | | | | | | | | |
|------|--------|-------|-----|--------|-------|-----|--------|-------|-----|--------------|-------|-----|
| 40 | 2 | --- | 2 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 39 | 3 | --- | 3 | --- | --- | --- | 6 | --- | 6 | --- | --- | --- |
| 38 | 5 | --- | 5 | --- | --- | --- | 13 | --- | 13 | --- | --- | --- |
| 37 | 7 | --- | 7 | --- | --- | --- | 14 | --- | 14 | --- | --- | --- |
| 36 | 9 | --- | 9 | --- | --- | --- | 18 | 2 | 16 | --- | --- | --- |
| 35 | 16 | 2 | 14 | --- | --- | --- | 27 | 4 | 23 | --- | --- | --- |
| 34 | 6 | 1 | 5 | --- | --- | --- | 20 | 4 | 16 | --- | --- | --- |
| 33 | 5 | 1 | 4 | --- | --- | --- | 11 | 5 | 6 | --- | --- | --- |
| 32 | 18 | 2 | 16 | --- | --- | --- | 22 | 13 | 9 | --- | --- | --- |
| 31 | 12 | 4 | 8 | --- | --- | --- | 26 | 17 | 9 | --- | --- | --- |
| 30 | 6 | 4 | 2 | --- | --- | --- | 27 | 12 | 15 | --- | --- | --- |
| 29 | 9 | 2 | 7 | --- | --- | --- | 20 | 8 | 12 | --- | --- | --- |
| 28 | 8 | 3 | 5 | --- | --- | --- | 16 | 2 | 14 | --- | --- | --- |
| 27 | 14 | 10 | 4 | --- | --- | --- | 5 | --- | 5 | --- | --- | --- |
| 26 | 15 | 5 | 10 | --- | --- | --- | 10 | --- | 10 | --- | --- | --- |
| 25 | 11 | 5 | 5 | --- | --- | 1 | 15 | 1 | 13 | --- | --- | 1 |
| 24 | 3 | 2 | 1 | --- | --- | --- | 4 | --- | 3 | --- | --- | 1 |
| 23 | 2 | --- | 1 | --- | --- | 1 | 7 | --- | 7 | --- | --- | --- |
| 22 | 3 | 1 | 2 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 21 | 3 | --- | 1 | --- | --- | 2 | 4 | --- | 1 | --- | --- | 3 |
| 20 | 618 | --- | 8 | 605 | --- | 5 | 618 | --- | 5 | 610 | --- | 3 |
| 19 | 2 | --- | --- | --- | --- | 2 | 1 | --- | --- | --- | --- | 1 |
| ≤ 18 | 20,212 | 6,521 | 166 | 10,412 | 2,210 | 903 | 20,232 | 6,521 | 177 | 10,426 | 2,206 | 902 |
| | | | | | | | | | | Total trips: | | |
| | | | | | | | | | | 46,120 | | |

LOS ANGELES HARBOR, CA

Inbound

Outbound

| | | | | | | | | | | | | |
|-------|--------|-------|-----|-------|-------|-------|--------|-------|-----|-------|-------|-------|
| Grand | | | | | | | | | | | | |
| Total | 17,923 | 6,803 | 716 | 7,338 | 1,541 | 1,525 | 17,946 | 6,833 | 707 | 7,360 | 1,538 | 1,508 |

FOREIGN

| | | | | | | | | | | | | |
|-------|-------|-------|-----|-----|-----|-----|-------|-------|-----|-----|-----|-----|
| Total | 2,338 | 2,170 | 131 | 18 | 18 | 1 | 2,343 | 2,213 | 112 | 9 | 9 | --- |
| 54 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 52 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 50 | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- |
| 48 | --- | --- | --- | --- | --- | --- | 3 | 2 | 1 | --- | --- | --- |
| 47 | 1 | --- | 1 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 46 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 45 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 44 | --- | --- | --- | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 43 | --- | --- | --- | --- | --- | --- | 2 | 1 | 1 | --- | --- | --- |
| 42 | --- | --- | --- | --- | --- | --- | 4 | 4 | --- | --- | --- | --- |
| 41 | 2 | 1 | 1 | --- | --- | --- | 2 | --- | --- | --- | --- | --- |
| 40 | 12 | 9 | 3 | --- | --- | --- | 9 | 7 | 2 | --- | --- | --- |
| 39 | 19 | 18 | 1 | --- | --- | --- | 20 | 17 | 3 | --- | --- | --- |
| 38 | 59 | 53 | 6 | --- | --- | --- | 25 | 23 | 2 | --- | --- | --- |
| 37 | 77 | 75 | 2 | --- | --- | --- | 35 | 35 | --- | --- | --- | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

LOS ANGELES HARBOR, CA - continued

Inbound

Outbound

FOREIGN

| | | | | | | | | | | | | |
|------|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 36 | 81 | 76 | 5 | --- | --- | --- | 54 | 53 | 1 | --- | --- | --- |
| 35 | 110 | 96 | 14 | --- | --- | --- | 67 | 67 | --- | --- | --- | --- |
| 34 | 86 | 81 | 5 | --- | --- | --- | 99 | 95 | 4 | --- | --- | --- |
| 33 | 108 | 99 | 9 | --- | --- | --- | 88 | 85 | 3 | --- | --- | --- |
| 32 | 131 | 122 | 9 | --- | --- | --- | 211 | 203 | 8 | --- | --- | --- |
| 31 | 67 | 62 | 5 | --- | --- | --- | 83 | 81 | 2 | --- | --- | --- |
| 30 | 103 | 99 | 4 | --- | --- | --- | 120 | 116 | 4 | --- | --- | --- |
| 29 | 119 | 115 | 4 | --- | --- | --- | 119 | 114 | 5 | --- | --- | --- |
| 28 | 129 | 120 | 9 | --- | --- | --- | 154 | 149 | 5 | --- | --- | --- |
| 27 | 128 | 122 | 6 | --- | --- | --- | 105 | 98 | 7 | --- | --- | --- |
| 26 | 128 | 117 | 11 | --- | --- | --- | 104 | 103 | 1 | --- | --- | --- |
| 25 | 160 | 153 | 7 | --- | --- | --- | 184 | 177 | 7 | --- | --- | --- |
| 24 | 138 | 135 | 3 | --- | --- | --- | 124 | 118 | 6 | --- | --- | --- |
| 23 | 185 | 180 | 5 | --- | --- | --- | 177 | 169 | 8 | --- | --- | --- |
| ≤ 22 | 494 | 437 | 20 | 18 | 18 | 1 | 546 | 493 | 35 | 9 | 9 | --- |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|--------|-------|-----|-------|-------|-------|--------|-------|-----|-------|--------|-------|
| Total | 15,585 | 4,633 | 585 | 7,320 | 1,523 | 1,524 | 15,603 | 4,620 | 595 | 7,351 | 1,529 | 1,508 |
| 54 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 48 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 44 | 1 | --- | 1 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 43 | 3 | --- | 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 40 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 39 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 38 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 37 | 11 | --- | 11 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 36 | 30 | --- | 30 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 35 | 45 | --- | 45 | --- | --- | --- | 7 | --- | 7 | --- | --- | --- |
| 34 | 26 | --- | 26 | --- | --- | --- | 20 | 14 | 6 | --- | --- | --- |
| 33 | 20 | --- | 20 | --- | --- | --- | 18 | 12 | 6 | --- | --- | --- |
| 32 | 26 | --- | 26 | --- | --- | --- | 23 | 12 | 11 | --- | --- | --- |
| 31 | 25 | --- | 25 | --- | --- | --- | 11 | 2 | 9 | --- | --- | --- |
| 30 | 32 | 2 | 30 | --- | --- | --- | 28 | 8 | 20 | --- | --- | --- |
| 29 | 18 | 5 | 13 | --- | --- | --- | 40 | 27 | 13 | --- | --- | --- |
| 28 | 42 | 29 | 13 | --- | --- | --- | 27 | 6 | 21 | --- | --- | --- |
| 27 | 61 | 28 | 21 | --- | --- | 12 | 41 | 9 | 32 | --- | --- | --- |
| 26 | 56 | 33 | 18 | --- | --- | 5 | 29 | 4 | 24 | --- | --- | 1 |
| 25 | 51 | 17 | 14 | --- | --- | 20 | 29 | 8 | 21 | --- | --- | --- |
| 24 | 14 | 4 | 7 | --- | --- | 3 | 8 | 1 | 7 | --- | --- | --- |
| 23 | 2 | 1 | 1 | --- | --- | --- | 4 | --- | 3 | --- | --- | 1 |
| ≤ 22 | 15,118 | 4,514 | 277 | 7,320 | 1,523 | 1,484 | 15,310 | 4,517 | 407 | 7,351 | 1,529 | 1,506 |
| Total trips: | | | | | | | | | | | 35,869 | |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

PORT HUENEME, CA

| | Inbound | | | | | | Outbound | | | | | |
|-------------|---------|-------|---|----|------|---|----------|-------|---|----|---|---|
| Grand Total | 3,531 | 3,500 | 2 | 21 | ---- | 8 | 3,515 | 3,492 | 2 | 12 | 1 | 8 |

FOREIGN

| | | | | | | | | | | | | |
|-------|-----|-----|------|------|------|------|------|------|------|------|------|------|
| Total | 327 | 325 | ---- | 2 | ---- | ---- | 329 | 326 | ---- | 2 | 1 | ---- |
| 35 | 1 | 1 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 34 | 3 | 3 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 33 | 1 | 1 | ---- | ---- | ---- | ---- | 1 | 1 | ---- | ---- | ---- | ---- |
| 32 | 1 | 1 | ---- | ---- | ---- | ---- | 3 | 3 | ---- | ---- | ---- | ---- |
| 31 | 1 | 1 | ---- | ---- | ---- | ---- | 2 | 2 | ---- | ---- | ---- | ---- |
| 30 | 3 | 3 | ---- | ---- | ---- | ---- | 8 | 8 | ---- | ---- | ---- | ---- |
| 29 | 5 | 5 | ---- | ---- | ---- | ---- | 3 | 3 | ---- | ---- | ---- | ---- |
| 28 | 28 | 28 | ---- | ---- | ---- | ---- | 27 | 27 | ---- | ---- | ---- | ---- |
| 27 | 18 | 18 | ---- | ---- | ---- | ---- | 27 | 27 | ---- | ---- | ---- | ---- |
| 26 | 46 | 46 | ---- | ---- | ---- | ---- | 32 | 32 | ---- | ---- | ---- | ---- |
| 25 | 58 | 58 | ---- | ---- | ---- | ---- | 57 | 57 | ---- | ---- | ---- | ---- |
| 24 | 59 | 59 | ---- | ---- | ---- | ---- | 44 | 44 | ---- | ---- | ---- | ---- |
| 23 | 24 | 24 | ---- | ---- | ---- | ---- | 32 | 32 | ---- | ---- | ---- | ---- |
| 22 | 11 | 11 | ---- | ---- | ---- | ---- | 40 | 39 | ---- | 1 | ---- | ---- |
| 21 | 17 | 17 | ---- | ---- | ---- | ---- | 21 | 21 | ---- | ---- | ---- | ---- |
| 20 | 15 | 15 | ---- | ---- | ---- | ---- | 9 | 8 | ---- | ---- | 1 | ---- |
| 19 | 13 | 13 | ---- | ---- | ---- | ---- | 6 | 6 | ---- | ---- | ---- | ---- |
| ≤ 18 | 23 | 21 | ---- | 2 | ---- | ---- | 17 | 16 | ---- | 1 | ---- | ---- |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|-------|-------|------|----|------|---|-------|-------|------|----|-------|---|
| Total | 3,204 | 3,175 | 2 | 19 | ---- | 8 | 3,186 | 3,166 | 2 | 10 | ---- | 8 |
| 20 | 3 | 3 | ---- | 1 | ---- | 2 | 3 | 3 | ---- | 3 | ---- | 8 |
| ≤ 18 | 3,201 | 3,175 | 2 | 18 | ---- | 6 | 3,183 | 3,166 | 2 | 7 | ---- | 8 |
| Total trips: | | | | | | | | | | | 7,046 | |

MISSION BAY, CA

No Vessel Trips Reported

MORRO BAY HARBOR, CA

(10 feet and less)

| | Inbound | | | | | | Outbound | | | | | |
|--------------|---------|-----|------|----|------|------|----------|-----|------|----|------|------|
| Grand Total | 216 | 121 | ---- | 95 | ---- | ---- | 216 | 121 | ---- | 95 | ---- | ---- |
| Total trips: | | | | | | | | | | | 432 | |

NEWPORT BAY HARBOR, CA

(13 feet and less)

| | Inbound | | | | | | Outbound | | | | | |
|--------------|---------|-----|------|------|------|------|----------|-----|------|------|------|------|
| Grand Total | 339 | 339 | ---- | ---- | ---- | ---- | 340 | 340 | ---- | ---- | ---- | ---- |
| Total trips: | | | | | | | | | | | 679 | |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

REDONDO BEACH, CA
(8 feet and less)

| | | | | | | | | | | | | |
|--------------------|------------|------------|------|------------|------|------|------------|------------|------|---------------------|------|--------------|
| | Inbound | | | | | | | Outbound | | | | |
| Grand Total | 875 | 353 | ---- | 522 | ---- | ---- | 883 | 362 | ---- | 521 | ---- | ---- |
| | | | | | | | | | | Total trips: | | 1,758 |

SANTA BARBARA HARBOR, CA
No Vessel Trips Reported

ELLWOOD, CA
(18 feet and less)

| | | | | | | | | | | | | |
|--------------------|--------------|--------------|------|-----------|------|-----------|--------------|--------------|------|---------------------|------|---------------|
| | Inbound | | | | | | | Outbound | | | | |
| Grand Total | 6,869 | 6,819 | ---- | 24 | ---- | 26 | 6,896 | 6,841 | ---- | 24 | ---- | 31 |
| | | | | | | | | | | Total trips: | | 13,765 |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

SACRAMENTO RIVER, CA

| Upbound | | | | | | | Downbound | | | | | |
|----------------|-----|-----|----|----|----|---|-----------|-----|----|----|----|---|
| Grand Total | 775 | 655 | 11 | 53 | 53 | 3 | 754 | 647 | 11 | 48 | 45 | 3 |

FOREIGN

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Total | 89 | 81 | 4 | 2 | 2 | --- | 87 | 81 | 4 | 1 | 1 | --- |
| 33 | 2 | 1 | 1 | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| 32 | 1 | 1 | --- | --- | --- | --- | 10 | 10 | --- | --- | --- | --- |
| 31 | 1 | 1 | --- | --- | --- | --- | 10 | 10 | --- | --- | --- | --- |
| 30 | 2 | 2 | --- | --- | --- | --- | 7 | 7 | --- | --- | --- | --- |
| 29 | 4 | 3 | 1 | --- | --- | --- | 13 | 13 | --- | --- | --- | --- |
| 28 | 6 | 5 | 1 | --- | --- | --- | 12 | 12 | --- | --- | --- | --- |
| 27 | 14 | 13 | 1 | --- | --- | --- | 7 | 6 | 1 | --- | --- | --- |
| 26 | 5 | 5 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 25 | 4 | 4 | --- | --- | --- | --- | 3 | 2 | 1 | --- | --- | --- |
| 24 | 7 | 7 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 23 | 4 | 4 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 22 | 7 | 7 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 21 | 5 | 5 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 20 | 8 | 7 | --- | --- | 1 | --- | 5 | 3 | 2 | --- | --- | --- |
| 19 | 6 | 4 | --- | 1 | 1 | --- | --- | --- | --- | --- | --- | --- |
| 18 | 7 | 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 17 | 4 | 3 | --- | 1 | --- | --- | 3 | 1 | --- | 1 | 1 | --- |
| 15 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 14 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ≤ 6 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|
| Total | 686 | 574 | 7 | 51 | 51 | 3 | 667 | 566 | 7 | 47 | 44 | 3 |
| 30 | 2 | --- | 2 | 51 | 51 | --- | --- | --- | --- | --- | --- | --- |
| 29 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 28 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 26 | 1 | --- | 1 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 25 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 23 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | --- | --- | --- | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 21 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 20 | 21 | --- | 1 | 1 | 19 | --- | 2 | --- | 1 | 1 | --- | --- |
| 19 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18 | 8 | --- | --- | 8 | --- | --- | 5 | --- | --- | 5 | --- | --- |
| 14 | 3 | --- | --- | 2 | --- | 1 | --- | --- | --- | --- | --- | --- |
| 13 | 4 | 2 | --- | 2 | --- | --- | 6 | 2 | --- | 4 | --- | --- |
| 11 | 4 | --- | --- | --- | 4 | --- | 4 | --- | --- | --- | 4 | --- |
| 10 | --- | --- | --- | --- | --- | --- | 4 | --- | --- | --- | 2 | 2 |
| 9 | 42 | 21 | --- | 13 | 8 | --- | 34 | 13 | --- | 13 | 8 | --- |
| 8 | 3 | 3 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| ≤ 6 | 594 | 548 | --- | 24 | 20 | 2 | 603 | 548 | --- | 24 | 30 | 1 |
| Total trips: | | | | | | | | | | | 1,529 | |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

SACRAMENTO RIVER DEEPWATER SHIP CHANNEL, CA

Upbound

Downbound

| | | | | | | | | | | | | |
|--------------------|------------|-----------|-----------|-----------|-----------|----------|------------|-----------|-----------|-----------|-----------|----------|
| Grand Total | 130 | 81 | 11 | 14 | 22 | 2 | 118 | 80 | 11 | 11 | 14 | 2 |
|--------------------|------------|-----------|-----------|-----------|-----------|----------|------------|-----------|-----------|-----------|-----------|----------|

FOREIGN

| | | | | | | | | | | | | |
|--------------|-----------|-----------|----------|----------|----------|------------|-----------|-----------|----------|----------|----------|------------|
| Total | 89 | 81 | 4 | 2 | 2 | --- | 86 | 80 | 4 | 1 | 1 | --- |
| 33 | 2 | 1 | 1 | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| 32 | 1 | 1 | --- | --- | --- | --- | 10 | 10 | --- | --- | --- | --- |
| 31 | 1 | 1 | --- | --- | --- | --- | 10 | 10 | --- | --- | --- | --- |
| 30 | 2 | 2 | --- | --- | --- | --- | 7 | 7 | --- | --- | --- | --- |
| 29 | 4 | 3 | 1 | --- | --- | --- | 13 | 13 | --- | --- | --- | --- |
| 28 | 6 | 5 | 1 | --- | --- | --- | 12 | 12 | --- | --- | --- | --- |
| 27 | 14 | 13 | 1 | --- | --- | --- | 7 | 6 | 1 | --- | --- | --- |
| 26 | 5 | 5 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 25 | 4 | 4 | --- | --- | --- | --- | 3 | 2 | 1 | --- | --- | --- |
| 24 | 7 | 7 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 23 | 4 | 4 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 22 | 7 | 7 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 21 | 5 | 5 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 20 | 8 | 7 | --- | --- | 1 | --- | 5 | 3 | 2 | --- | --- | --- |
| 19 | 6 | 4 | --- | 1 | 1 | --- | --- | --- | --- | --- | --- | --- |
| 18 | 7 | 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 17 | 4 | 3 | --- | 1 | --- | --- | 3 | 1 | --- | 1 | 1 | --- |
| 15 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 14 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|-----------|------------|----------|-----------|-----------|----------|-----------|------------|----------|-----------|-----------|----------|
| Total | 41 | --- | 7 | 12 | 20 | 2 | 32 | --- | 7 | 10 | 13 | 2 |
| 30 | 2 | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 29 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 28 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 26 | 1 | --- | 1 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 25 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 23 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | --- | --- | --- | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 21 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 20 | 21 | --- | 1 | 1 | 19 | --- | 2 | --- | 1 | 1 | --- | --- |
| 19 | 1 | --- | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- |
| 18 | 8 | --- | --- | 8 | --- | --- | 5 | --- | --- | 5 | --- | --- |
| 14 | 1 | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- |
| 13 | 2 | --- | --- | 2 | --- | --- | 4 | --- | --- | 4 | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | 1 |
| ≤ 6 | 2 | --- | --- | --- | 1 | 1 | 14 | --- | --- | --- | 13 | 1 |

Total trips: 248

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

SACRAMENTO, CA

| | Inbound | | | | | | Outbound | | | | | |
|--------------------|------------|------------|-----------|-----------|-----------|----------|------------|------------|-----------|-----------|-----------|----------|
| Grand Total | 701 | 649 | 11 | 16 | 22 | 3 | 689 | 648 | 11 | 13 | 14 | 3 |

FOREIGN

| | | | | | | | | | | | | |
|--------------|-----------|-----------|----------|----------|----------|------------|-----------|-----------|----------|----------|----------|------------|
| Total | 89 | 81 | 4 | 2 | 2 | --- | 86 | 80 | 4 | 1 | 1 | --- |
| 33 | 2 | 1 | 1 | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| 32 | 1 | 1 | --- | --- | --- | --- | 10 | 10 | --- | --- | --- | --- |
| 31 | 1 | 1 | --- | --- | --- | --- | 10 | 10 | --- | --- | --- | --- |
| 30 | 2 | 2 | --- | --- | --- | --- | 7 | 7 | --- | --- | --- | --- |
| 29 | 4 | 3 | 1 | --- | --- | --- | 13 | 13 | --- | --- | --- | --- |
| 28 | 6 | 5 | 1 | --- | --- | --- | 12 | 12 | --- | --- | --- | --- |
| 27 | 14 | 13 | 1 | --- | --- | --- | 7 | 6 | 1 | --- | --- | --- |
| 26 | 5 | 5 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 25 | 4 | 4 | --- | --- | --- | --- | 3 | 2 | 1 | --- | --- | --- |
| 24 | 7 | 7 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 23 | 4 | 4 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 22 | 7 | 7 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 21 | 5 | 5 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 20 | 8 | 7 | --- | --- | 1 | --- | 5 | 3 | 2 | --- | --- | --- |
| 19 | 6 | 4 | --- | 1 | 1 | --- | --- | --- | --- | --- | --- | --- |
| 18 | 7 | 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 17 | 4 | 3 | --- | 1 | --- | --- | 3 | 1 | --- | 1 | --- | --- |
| 15 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 14 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

DOMESTIC

| | | | | | | | | | | | | |
|---------------------|------------|------------|----------|-----------|-----------|----------|------------|------------|----------|-----------|--------------|----------|
| Total | 612 | 568 | 7 | 14 | 20 | 3 | 603 | 568 | 7 | 12 | 13 | 3 |
| 30 | 2 | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 29 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 28 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 26 | 1 | --- | 1 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 25 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 23 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | --- | --- | --- | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 21 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 20 | 21 | --- | 1 | 1 | 19 | --- | 2 | --- | 1 | 1 | --- | --- |
| 19 | 1 | --- | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- |
| 18 | 7 | --- | --- | 7 | --- | --- | 6 | --- | --- | 6 | --- | --- |
| 14 | 3 | --- | --- | 2 | --- | 1 | --- | --- | --- | --- | --- | --- |
| 13 | 2 | --- | --- | 2 | --- | --- | 4 | --- | --- | 4 | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | 2 | --- | --- | --- | --- | 2 |
| 9 | 17 | 17 | --- | --- | --- | --- | 17 | 17 | --- | --- | --- | --- |
| 8 | 3 | 3 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| ≤ 6 | 552 | 548 | --- | 1 | 1 | 2 | 563 | 548 | --- | 1 | 13 | 1 |
| Total trips: | | | | | | | | | | | 1,390 | |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

SAN JOAQUIN RIVER, CA

| | Upbound | | | | | | Downbound | | | | | |
|-------------|---------|-----|----|----|----|----|-----------|-----|----|----|----|----|
| Grand Total | 348 | 190 | 37 | 46 | 26 | 49 | 361 | 196 | 39 | 54 | 26 | 46 |

FOREIGN

| Total | 154 | 125 | 28 | --- | 1 | --- | 162 | 131 | 30 | --- | 1 | --- |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 33 | 6 | 6 | --- | --- | --- | --- | 3 | 1 | 2 | --- | --- | --- |
| 32 | 13 | 8 | 5 | --- | --- | --- | 25 | 25 | --- | --- | --- | --- |
| 31 | 28 | 25 | 3 | --- | --- | --- | 10 | 10 | --- | --- | --- | --- |
| 30 | 11 | 7 | 4 | --- | --- | --- | 9 | 8 | 1 | --- | --- | --- |
| 29 | 8 | 3 | 5 | --- | --- | --- | 5 | 5 | --- | --- | --- | --- |
| 28 | 8 | 4 | 4 | --- | --- | --- | 10 | 8 | 2 | --- | --- | --- |
| 27 | 5 | 4 | 1 | --- | --- | --- | 9 | 7 | 2 | --- | --- | --- |
| 26 | 10 | 6 | 4 | --- | --- | --- | 8 | 6 | 2 | --- | --- | --- |
| 25 | 7 | 7 | --- | --- | --- | --- | 28 | 26 | 2 | --- | --- | --- |
| 24 | 7 | 6 | 1 | --- | --- | --- | 7 | 7 | --- | --- | --- | --- |
| 23 | 7 | 6 | 1 | --- | --- | --- | 9 | 8 | 1 | --- | --- | --- |
| 22 | 10 | 10 | --- | --- | --- | --- | 16 | 9 | 7 | --- | --- | --- |
| 21 | 10 | 10 | --- | --- | --- | --- | 6 | 3 | 3 | --- | --- | --- |
| 20 | 8 | 8 | --- | --- | --- | --- | 7 | 2 | 5 | --- | --- | --- |
| 19 | 6 | 5 | --- | --- | 1 | --- | 1 | --- | 1 | --- | --- | --- |
| 18 | 3 | 3 | --- | --- | --- | --- | 6 | 4 | 2 | --- | --- | --- |
| 17 | 4 | 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | 3 | 3 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | 1 | --- |
| ≤ 12 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |

DOMESTIC

| Total | 194 | 65 | 9 | 46 | 25 | 49 | 199 | 65 | 9 | 54 | 25 | 46 |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 33 | 1 | --- | 1 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 32 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | 2 | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 30 | 2 | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 29 | --- | --- | --- | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 26 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 25 | --- | --- | --- | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 22 | 2 | --- | 2 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 21 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18 | 7 | --- | --- | 2 | --- | 5 | 6 | --- | --- | 2 | --- | 4 |
| 17 | 7 | --- | --- | 5 | --- | 2 | 5 | --- | --- | 4 | --- | 1 |
| 16 | 1 | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- |
| 15 | 12 | --- | --- | --- | --- | 12 | 3 | --- | --- | --- | --- | 3 |
| 14 | 3 | --- | --- | --- | --- | 3 | 6 | --- | --- | 6 | --- | --- |
| 13 | 5 | --- | --- | 4 | --- | 1 | 4 | --- | --- | 4 | --- | --- |
| ≤ 12 | 150 | 65 | --- | 35 | 25 | 25 | 166 | 65 | --- | 38 | 25 | 38 |
| Total trips: | | | | | | | | | | | 709 | |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

STOCKTON, CA

| | Inbound | | | | | | Outbound | | | | | |
|-------------|---------|-----|----|----|------|----|----------|-----|----|----|------|----|
| Grand Total | 221 | 130 | 29 | 30 | ---- | 32 | 237 | 137 | 31 | 37 | ---- | 32 |

FOREIGN

| | | | | | | | | | | | | |
|-------|----|----|------|------|------|------|-----|------|------|------|------|------|
| Total | 94 | 69 | 25 | ---- | ---- | ---- | 103 | 76 | 27 | ---- | ---- | ---- |
| 32 | 12 | 8 | 4 | ---- | ---- | ---- | 20 | 20 | ---- | ---- | ---- | ---- |
| 31 | 6 | 3 | 3 | ---- | ---- | ---- | 5 | 5 | ---- | ---- | ---- | ---- |
| 30 | 6 | 3 | 3 | ---- | ---- | ---- | 8 | 7 | 1 | ---- | ---- | ---- |
| 29 | 6 | 1 | 5 | ---- | ---- | ---- | 3 | 3 | ---- | ---- | ---- | ---- |
| 28 | 5 | 1 | 4 | ---- | ---- | ---- | 9 | 7 | 2 | ---- | ---- | ---- |
| 27 | 2 | 1 | 1 | ---- | ---- | ---- | 7 | 5 | 2 | ---- | ---- | ---- |
| 26 | 6 | 2 | 4 | ---- | ---- | ---- | 6 | 4 | 2 | ---- | ---- | ---- |
| 25 | 3 | 3 | ---- | ---- | ---- | ---- | 6 | 4 | 2 | ---- | ---- | ---- |
| 24 | 5 | 4 | 1 | ---- | ---- | ---- | 2 | 2 | ---- | ---- | ---- | ---- |
| 23 | 4 | 4 | ---- | ---- | ---- | ---- | 5 | 4 | 1 | ---- | ---- | ---- |
| 22 | 9 | 9 | ---- | ---- | ---- | ---- | 13 | 6 | 7 | ---- | ---- | ---- |
| 21 | 9 | 9 | ---- | ---- | ---- | ---- | 4 | 1 | 3 | ---- | ---- | ---- |
| 20 | 7 | 7 | ---- | ---- | ---- | ---- | 6 | 2 | 4 | ---- | ---- | ---- |
| 19 | 5 | 5 | ---- | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| ≤ 18 | 9 | 9 | ---- | ---- | ---- | ---- | 8 | 6 | 2 | ---- | ---- | ---- |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Total | 127 | 61 | 4 | 30 | ---- | 32 | 134 | 61 | 4 | 37 | ---- | 32 |
| 32 | 1 | ---- | 1 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 31 | 2 | ---- | 2 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 30 | 1 | ---- | 1 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 29 | ---- | ---- | ---- | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 26 | ---- | ---- | ---- | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 25 | ---- | ---- | ---- | ---- | ---- | ---- | 2 | ---- | 2 | ---- | ---- | ---- |
| ≤ 18 | 123 | 61 | ---- | 30 | ---- | 32 | 130 | 61 | ---- | 37 | ---- | 32 |
| Total trips: | | | | | | | | | | | 458 | |

MIDDLE RIVER, CA
(8 feet and less)

| | Upbound | | | | | | Downbound | | | | | |
|--------------|---------|------|------|------|---|------|-----------|------|------|---|------|---|
| Grand Total | 2 | ---- | ---- | ---- | 2 | ---- | 2 | ---- | ---- | 2 | ---- | 4 |
| Total trips: | | | | | | | | | | | | |

MOKELUMNE RIVER, CA
(6 feet and less)

| | Upbound | | | | | | Downbound | | | | | |
|--------------|---------|---|------|------|------|------|-----------|---|------|------|------|---|
| Grand Total | 1 | 1 | ---- | ---- | ---- | ---- | 1 | 1 | ---- | ---- | ---- | 2 |
| Total trips: | | | | | | | | | | | | |

OLD RIVER, CA

No Vessel Trips Reported

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

SAN FRANCISCO BAY ENTRANCE, CA
Upbound

Downbound

| | | | | | | | | | | | | |
|-------------|-------|-------|-------|-----|----|-----|-------|-------|-------|-----|----|-----|
| Grand Total | 4,323 | 2,734 | 1,042 | 285 | 46 | 216 | 4,342 | 2,724 | 1,055 | 286 | 41 | 236 |
|-------------|-------|-------|-------|-----|----|-----|-------|-------|-------|-----|----|-----|

FOREIGN

| | | | | | | | | | | | | |
|-------|-------|-------|------|------|------|------|-------|-------|------|------|------|------|
| Total | 2,960 | 2,496 | 430 | 15 | 19 | ---- | 2,960 | 2,461 | 452 | 22 | 23 | 2 |
| 49 | 1 | ---- | 1 | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 48 | ---- | ---- | ---- | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 47 | 3 | ---- | 3 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 46 | 1 | ---- | 1 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 45 | 7 | ---- | 7 | ---- | ---- | ---- | 3 | 1 | 2 | ---- | ---- | ---- |
| 44 | ---- | ---- | ---- | ---- | ---- | ---- | 3 | ---- | 3 | ---- | ---- | ---- |
| 43 | 2 | 2 | ---- | ---- | ---- | ---- | 12 | 2 | 10 | ---- | ---- | ---- |
| 42 | 7 | ---- | 7 | ---- | ---- | ---- | 17 | ---- | 17 | ---- | ---- | ---- |
| 41 | 1 | ---- | 1 | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 40 | 5 | ---- | 5 | ---- | ---- | ---- | 10 | ---- | 10 | ---- | ---- | ---- |
| 39 | 6 | ---- | 6 | ---- | ---- | ---- | 8 | ---- | 8 | ---- | ---- | ---- |
| 38 | 110 | 104 | 6 | ---- | ---- | ---- | 119 | 108 | 11 | ---- | ---- | ---- |
| 37 | 46 | 31 | 15 | ---- | ---- | ---- | 36 | 22 | 14 | ---- | ---- | ---- |
| 36 | 66 | 51 | 15 | ---- | ---- | ---- | 72 | 61 | 11 | ---- | ---- | ---- |
| 35 | 91 | 78 | 13 | ---- | ---- | ---- | 105 | 88 | 17 | ---- | ---- | ---- |
| 34 | 231 | 201 | 30 | ---- | ---- | ---- | 209 | 186 | 23 | ---- | ---- | ---- |
| 33 | 229 | 211 | 18 | ---- | ---- | ---- | 235 | 213 | 22 | ---- | ---- | ---- |
| 32 | 180 | 166 | 14 | ---- | ---- | ---- | 223 | 197 | 26 | ---- | ---- | ---- |
| 31 | 133 | 118 | 15 | ---- | ---- | ---- | 193 | 166 | 27 | ---- | ---- | ---- |
| 30 | 188 | 166 | 22 | ---- | ---- | ---- | 244 | 219 | 24 | ---- | 1 | ---- |
| 29 | 243 | 213 | 30 | ---- | ---- | ---- | 205 | 191 | 14 | ---- | ---- | ---- |
| 28 | 201 | 169 | 32 | ---- | ---- | ---- | 199 | 154 | 45 | ---- | ---- | ---- |
| 27 | 237 | 211 | 26 | ---- | ---- | ---- | 203 | 183 | 20 | ---- | ---- | ---- |
| 26 | 192 | 139 | 53 | ---- | ---- | ---- | 148 | 125 | 23 | ---- | ---- | ---- |
| 25 | 151 | 126 | 25 | ---- | ---- | ---- | 147 | 123 | 24 | ---- | ---- | ---- |
| 24 | 112 | 81 | 31 | ---- | ---- | ---- | 119 | 99 | 20 | ---- | ---- | ---- |
| 23 | 85 | 75 | 10 | ---- | ---- | ---- | 94 | 78 | 16 | ---- | ---- | ---- |
| 22 | 78 | 70 | 8 | ---- | ---- | ---- | 100 | 71 | 29 | ---- | ---- | ---- |
| 21 | 61 | 52 | 8 | ---- | 1 | ---- | 43 | 31 | 8 | ---- | 4 | ---- |
| 20 | 75 | 54 | 18 | 1 | 2 | ---- | 48 | 25 | 21 | 1 | ---- | 1 |
| 19 | 35 | 26 | 3 | 4 | 2 | ---- | 16 | 10 | 1 | 2 | 3 | ---- |
| ≤ 18 | 183 | 152 | 7 | 10 | 14 | ---- | 147 | 108 | 4 | 19 | 15 | 1 |

DOMESTIC

| | | | | | | | | | | | | |
|-------|-------|------|-----|------|------|------|-------|------|------|------|------|------|
| Total | 1,363 | 238 | 612 | 270 | 27 | 216 | 1,382 | 263 | 603 | 264 | 18 | 234 |
| 50 | 23 | ---- | 23 | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 49 | 11 | ---- | 11 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 48 | 2 | ---- | 2 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 45 | 9 | ---- | 9 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 44 | 8 | ---- | 8 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 43 | 16 | ---- | 16 | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 42 | 7 | ---- | 7 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 41 | 7 | ---- | 7 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 40 | 16 | ---- | 16 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 39 | 17 | ---- | 17 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 38 | 13 | ---- | 13 | ---- | ---- | ---- | 4 | ---- | 4 | ---- | ---- | ---- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

SAN FRANCISCO BAY ENTRANCE, CA - continued

Upbound

Downbound

DOMESTIC

| | | | | | | | | | | | | |
|--------------|-----|-----|----|-----|-----|-----|-----|-----|----|-----|-------|-----|
| 37 | 24 | --- | 24 | --- | --- | --- | 4 | --- | 4 | --- | --- | --- |
| 36 | 55 | 8 | 47 | --- | --- | --- | 32 | 2 | 30 | --- | --- | --- |
| 35 | 46 | 4 | 42 | --- | --- | --- | 61 | 12 | 49 | --- | --- | --- |
| 34 | 31 | 11 | 20 | --- | --- | --- | 50 | 18 | 32 | --- | --- | --- |
| 33 | 34 | 24 | 10 | --- | --- | --- | 41 | 17 | 24 | --- | --- | --- |
| 32 | 46 | 27 | 19 | --- | --- | --- | 62 | 19 | 43 | --- | --- | --- |
| 31 | 38 | 17 | 21 | --- | --- | --- | 48 | 16 | 32 | --- | --- | --- |
| 30 | 45 | 19 | 26 | --- | --- | --- | 79 | 32 | 47 | --- | --- | --- |
| 29 | 45 | 17 | 28 | --- | --- | --- | 61 | 29 | 32 | --- | --- | --- |
| 28 | 39 | 22 | 17 | --- | --- | --- | 39 | 10 | 29 | --- | --- | --- |
| 27 | 53 | 21 | 32 | --- | --- | --- | 39 | 15 | 24 | --- | --- | --- |
| 26 | 38 | 17 | 21 | --- | --- | --- | 34 | 10 | 24 | --- | --- | --- |
| 25 | 47 | 14 | 32 | --- | --- | 1 | 99 | 15 | 84 | --- | --- | --- |
| 24 | 14 | 2 | 12 | --- | --- | --- | 41 | 11 | 30 | --- | --- | --- |
| 23 | 18 | --- | 18 | --- | --- | --- | 33 | 5 | 28 | --- | --- | --- |
| 22 | 8 | 1 | 7 | --- | --- | --- | 6 | 1 | 5 | --- | --- | --- |
| 21 | 6 | --- | 2 | --- | --- | 4 | 7 | --- | 5 | --- | --- | 2 |
| 20 | 60 | --- | 21 | 19 | 19 | 1 | 39 | --- | 22 | 14 | --- | 3 |
| 19 | 61 | --- | 45 | 1 | --- | 15 | 18 | --- | 1 | 1 | --- | 16 |
| ≤ 18 | 526 | 34 | 39 | 250 | 8 | 195 | 583 | 51 | 52 | 249 | 18 | 213 |
| Total trips: | | | | | | | | | | | 8,665 | |

SAN FRANCISCO HARBOR, CA

Inbound

Outbound

| | | | | | | | | | | | | |
|-------------|--------|--------|----|-----|-----|----|--------|--------|----|-----|-----|----|
| Grand Total | 29,602 | 28,924 | 38 | 458 | 109 | 73 | 29,559 | 28,887 | 32 | 460 | 109 | 71 |
|-------------|--------|--------|----|-----|-----|----|--------|--------|----|-----|-----|----|

FOREIGN

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Total | 336 | 296 | 38 | 2 | --- | --- | 297 | 262 | 32 | 2 | 1 | --- |
| 48 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 43 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 42 | 1 | --- | 1 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 40 | 1 | --- | 1 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 39 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 38 | 2 | 1 | 1 | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 37 | 3 | 3 | --- | --- | --- | --- | 4 | 4 | --- | --- | --- | --- |
| 36 | 5 | 5 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 35 | 2 | 2 | --- | --- | --- | --- | 4 | 3 | 1 | --- | --- | --- |
| 34 | 18 | 14 | 4 | --- | --- | --- | 11 | 11 | --- | --- | --- | --- |
| 33 | 13 | 13 | --- | --- | --- | --- | 17 | 16 | 1 | --- | --- | --- |
| 32 | 21 | 20 | 1 | --- | --- | --- | 15 | 12 | 3 | --- | --- | --- |
| 31 | 12 | 11 | 1 | --- | --- | --- | 14 | 13 | 1 | --- | --- | --- |
| 30 | 13 | 10 | 3 | --- | --- | --- | 15 | 15 | --- | --- | --- | --- |
| 29 | 24 | 22 | 2 | --- | --- | --- | 20 | 20 | --- | --- | --- | --- |
| 28 | 31 | 27 | 4 | --- | --- | --- | 22 | 18 | 4 | --- | --- | --- |
| 27 | 38 | 38 | --- | --- | --- | --- | 37 | 37 | --- | --- | --- | --- |
| 26 | 25 | 21 | 4 | --- | --- | --- | 18 | 17 | 1 | --- | --- | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

SAN FRANCISCO HARBOR, CA - continued
Inbound

Outbound

FOREIGN

| | | | | | | | | | | | | |
|------|----|----|---|-----|-----|-----|----|----|----|-----|-----|-----|
| 25 | 25 | 22 | 3 | --- | --- | --- | 15 | 13 | 2 | --- | --- | --- |
| 24 | 13 | 8 | 5 | --- | --- | --- | 21 | 18 | 3 | --- | --- | --- |
| 23 | 9 | 8 | 1 | --- | --- | --- | 11 | 9 | 2 | --- | --- | --- |
| ≤ 22 | 78 | 70 | 6 | 2 | --- | --- | 67 | 53 | 11 | 2 | 1 | --- |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|---------------|---------------|-----|------------|------------|-----------|---------------|---------------|-----|------------|---------------------|---------------|
| Total | 29,266 | 28,628 | --- | 456 | 109 | 73 | 29,262 | 28,625 | --- | 458 | 108 | 71 |
| 29 | 1 | 1 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 26 | 2 | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| ≤ 22 | 29,263 | 28,625 | --- | 456 | 109 | 73 | 29,258 | 28,621 | --- | 458 | 108 | 71 |
| | | | | | | | | | | | Total trips: | 59,161 |

REDWOOD CITY HARBOR, CA

Inbound

Outbound

| | | | | | | | | | | | | |
|--------------------|------------|-----------|----------|-----------|-----------|-----------|------------|-----------|-----|-----------|-----------|-----------|
| Grand Total | 201 | 28 | 1 | 91 | 63 | 18 | 213 | 28 | --- | 95 | 65 | 25 |
|--------------------|------------|-----------|----------|-----------|-----------|-----------|------------|-----------|-----|-----------|-----------|-----------|

FOREIGN

| | | | | | | | | | | | | |
|--------------|-----------|-----------|----------|----------|----------|-----|-----------|-----------|-----|----------|----------|-----|
| Total | 32 | 24 | 1 | 3 | 4 | --- | 33 | 24 | --- | 4 | 5 | --- |
| 33 | 2 | 2 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 32 | 8 | 8 | --- | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| 31 | 1 | 1 | --- | --- | --- | --- | 5 | 5 | --- | --- | --- | --- |
| 30 | 2 | 2 | --- | --- | --- | --- | 2 | 1 | --- | --- | 1 | --- |
| 28 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 27 | 2 | 2 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 26 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 | 1 | --- | 1 | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 23 | 2 | 2 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| ≤ 22 | 13 | 6 | --- | 3 | 4 | --- | 11 | 3 | --- | 4 | 4 | --- |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|------------|----------|-----|-----------|-----------|-----------|------------|----------|-----|-----------|---------------------|------------|
| Total | 169 | 4 | --- | 88 | 59 | 18 | 180 | 4 | --- | 91 | 60 | 25 |
| ≤ 22 | 169 | 4 | --- | 88 | 59 | 18 | 180 | 4 | --- | 91 | 60 | 25 |
| | | | | | | | | | | | Total trips: | 414 |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

OAKLAND HARBOR, CA

| | Inbound | | | | | | Outbound | | | | | |
|-------------|---------|-------|---|-------|-----|-----|----------|-------|---|-------|-----|-----|
| Grand Total | 7,436 | 5,708 | 3 | 1,323 | 102 | 300 | 7,450 | 5,720 | 1 | 1,327 | 102 | 300 |

FOREIGN

| | | | | | | | | | | | | |
|-------|-------|-------|------|------|------|------|-------|-------|------|------|------|------|
| Total | 1,495 | 1,492 | 3 | ---- | ---- | ---- | 1,506 | 1,503 | 1 | 1 | 1 | ---- |
| 38 | 103 | 103 | ---- | ---- | ---- | ---- | 107 | 107 | ---- | ---- | ---- | ---- |
| 37 | 26 | 26 | ---- | ---- | ---- | ---- | 18 | 18 | ---- | ---- | ---- | ---- |
| 36 | 43 | 43 | ---- | ---- | ---- | ---- | 57 | 57 | ---- | ---- | ---- | ---- |
| 35 | 75 | 75 | ---- | ---- | ---- | ---- | 80 | 80 | ---- | ---- | ---- | ---- |
| 34 | 185 | 185 | ---- | ---- | ---- | ---- | 164 | 164 | ---- | ---- | ---- | ---- |
| 33 | 182 | 182 | ---- | ---- | ---- | ---- | 178 | 178 | ---- | ---- | ---- | ---- |
| 32 | 121 | 121 | ---- | ---- | ---- | ---- | 135 | 135 | ---- | ---- | ---- | ---- |
| 31 | 70 | 70 | ---- | ---- | ---- | ---- | 109 | 109 | ---- | ---- | ---- | ---- |
| 30 | 131 | 131 | ---- | ---- | ---- | ---- | 166 | 165 | 1 | ---- | ---- | ---- |
| 29 | 165 | 165 | ---- | ---- | ---- | ---- | 135 | 135 | ---- | ---- | ---- | ---- |
| 28 | 90 | 90 | ---- | ---- | ---- | ---- | 76 | 76 | ---- | ---- | ---- | ---- |
| 27 | 77 | 77 | ---- | ---- | ---- | ---- | 65 | 65 | ---- | ---- | ---- | ---- |
| 26 | 45 | 44 | 1 | ---- | ---- | ---- | 38 | 38 | ---- | ---- | ---- | ---- |
| 25 | 35 | 35 | ---- | ---- | ---- | ---- | 23 | 23 | ---- | ---- | ---- | ---- |
| 24 | 18 | 18 | ---- | ---- | ---- | ---- | 19 | 19 | ---- | ---- | ---- | ---- |
| 23 | 21 | 21 | ---- | ---- | ---- | ---- | 28 | 28 | ---- | ---- | ---- | ---- |
| ≤ 22 | 108 | 106 | 2 | ---- | ---- | ---- | 108 | 106 | ---- | 1 | 1 | ---- |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|-------|-------|------|-------|------|------|-------|-------|------|-------|--------|------|
| Total | 5,941 | 4,216 | ---- | 1,323 | 102 | 300 | 5,944 | 4,217 | ---- | 1,326 | 101 | 300 |
| 36 | ---- | ---- | ---- | ---- | ---- | ---- | 7 | 7 | ---- | ---- | ---- | ---- |
| 35 | 1 | 1 | ---- | ---- | ---- | ---- | 12 | 12 | ---- | ---- | ---- | ---- |
| 34 | 11 | 11 | ---- | ---- | ---- | ---- | 24 | 24 | ---- | ---- | ---- | ---- |
| 33 | 23 | 23 | ---- | ---- | ---- | ---- | 20 | 20 | ---- | ---- | ---- | ---- |
| 32 | 28 | 28 | ---- | ---- | ---- | ---- | 21 | 21 | ---- | ---- | ---- | ---- |
| 31 | 21 | 21 | ---- | ---- | ---- | ---- | 21 | 21 | ---- | ---- | ---- | ---- |
| 30 | 29 | 29 | ---- | ---- | ---- | ---- | 29 | 29 | ---- | ---- | ---- | ---- |
| 29 | 12 | 12 | ---- | ---- | ---- | ---- | 10 | 10 | ---- | ---- | ---- | ---- |
| 28 | 22 | 22 | ---- | ---- | ---- | ---- | 8 | 8 | ---- | ---- | ---- | ---- |
| 27 | 22 | 22 | ---- | ---- | ---- | ---- | 8 | 8 | ---- | ---- | ---- | ---- |
| 26 | 15 | 15 | ---- | ---- | ---- | ---- | 6 | 6 | ---- | ---- | ---- | ---- |
| 25 | 11 | 11 | ---- | ---- | ---- | ---- | 4 | 4 | ---- | ---- | ---- | ---- |
| 24 | 3 | 3 | ---- | ---- | ---- | ---- | 6 | 6 | ---- | ---- | ---- | ---- |
| 23 | ---- | ---- | ---- | ---- | ---- | ---- | 6 | 6 | ---- | ---- | ---- | ---- |
| ≤ 22 | 5,743 | 4,018 | ---- | 1,323 | 102 | 300 | 5,762 | 4,035 | ---- | 1,326 | 101 | 300 |
| Total trips: | | | | | | | | | | | 14,886 | |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

RICHMOND HARBOR, CA

| | Inbound | | | | | | Outbound | | | | | |
|-------------|---------|-----|-----|-----|----|-----|----------|-----|-----|-----|----|-----|
| Grand Total | 1,806 | 149 | 498 | 365 | 19 | 775 | 1,807 | 147 | 509 | 361 | 16 | 774 |

FOREIGN

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Total | 312 | 148 | 148 | 6 | 10 | --- | 314 | 146 | 157 | 5 | 6 | --- |
| 45 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 43 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 42 | 4 | --- | 4 | --- | --- | --- | 4 | --- | 4 | --- | --- | --- |
| 41 | 1 | --- | 1 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 40 | 3 | --- | 3 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 39 | 4 | --- | 4 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 38 | 3 | --- | 3 | --- | --- | --- | 7 | --- | 7 | --- | --- | --- |
| 37 | 5 | 1 | 4 | --- | --- | --- | 6 | --- | 6 | --- | --- | --- |
| 36 | 7 | --- | 7 | --- | --- | --- | 6 | --- | 4 | --- | --- | --- |
| 35 | 4 | 1 | 3 | --- | --- | --- | 11 | 3 | 8 | --- | --- | --- |
| 34 | 11 | 2 | 9 | --- | --- | --- | 14 | 7 | 7 | --- | --- | --- |
| 33 | 11 | 4 | 7 | --- | --- | --- | 14 | 7 | 7 | --- | --- | --- |
| 32 | 12 | 7 | 5 | --- | --- | --- | 11 | 2 | 9 | --- | --- | --- |
| 31 | 7 | 3 | 4 | --- | --- | --- | 20 | 10 | 10 | --- | --- | --- |
| 30 | 12 | 8 | 4 | --- | --- | --- | 16 | 9 | 7 | --- | --- | --- |
| 29 | 18 | 9 | 9 | --- | --- | --- | 13 | 7 | 6 | --- | --- | --- |
| 28 | 17 | 11 | 6 | --- | --- | --- | 23 | 11 | 12 | --- | --- | --- |
| 27 | 32 | 23 | 9 | --- | --- | --- | 18 | 11 | 7 | --- | --- | --- |
| 26 | 36 | 17 | 19 | --- | --- | --- | 28 | 16 | 12 | --- | --- | --- |
| 25 | 28 | 16 | 12 | --- | --- | --- | 24 | 16 | 8 | --- | --- | --- |
| 24 | 26 | 14 | 12 | --- | --- | --- | 22 | 11 | 11 | --- | --- | --- |
| 23 | 15 | 10 | 5 | --- | --- | --- | 20 | 13 | 7 | --- | --- | --- |
| ≤ 22 | 55 | 22 | 17 | 6 | 10 | --- | 52 | 20 | 21 | 5 | 6 | --- |

DOMESTIC

| | | | | | | | | | | | | |
|-------|-------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|
| Total | 1,494 | 1 | 350 | 359 | 9 | 775 | 1,493 | 1 | 352 | 356 | 10 | 774 |
| 45 | 8 | --- | 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 44 | 6 | --- | 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 43 | 12 | --- | 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 42 | 9 | --- | 9 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 41 | 5 | --- | 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 40 | 11 | --- | 11 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 39 | 8 | --- | 8 | --- | --- | --- | 9 | --- | 9 | --- | --- | --- |
| 38 | 19 | --- | 19 | --- | --- | --- | 4 | --- | 4 | --- | --- | --- |
| 37 | 20 | --- | 20 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 36 | 31 | --- | 31 | --- | --- | --- | 17 | --- | 17 | --- | --- | --- |
| 35 | 18 | --- | 18 | --- | --- | --- | 30 | --- | 30 | --- | --- | --- |
| 34 | 21 | --- | 21 | --- | --- | --- | 15 | --- | 15 | --- | --- | --- |
| 33 | 8 | --- | 8 | --- | --- | --- | 14 | --- | 14 | --- | --- | --- |
| 32 | 20 | --- | 20 | --- | --- | --- | 22 | --- | 22 | --- | --- | --- |
| 31 | 11 | --- | 11 | --- | --- | --- | 17 | --- | 17 | --- | --- | --- |
| 30 | 21 | --- | 21 | --- | --- | --- | 19 | --- | 19 | --- | --- | --- |
| 29 | 22 | --- | 22 | --- | --- | --- | 23 | --- | 23 | --- | --- | --- |
| 28 | 11 | --- | 11 | --- | --- | --- | 27 | --- | 27 | --- | --- | --- |
| 27 | 18 | --- | 18 | --- | --- | --- | 14 | --- | 14 | --- | --- | --- |
| 26 | 11 | --- | 11 | --- | --- | --- | 19 | --- | 19 | --- | --- | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

RICHMOND HARBOR, CA - continued
Inbound

Outbound

DOMESTIC

| | | | | | | | | | | | | |
|------|-------|-----|----|-----|-----|-----|-------|-----|----|-----|--------------|-------|
| 25 | 20 | --- | 20 | --- | --- | --- | 35 | --- | 35 | --- | --- | --- |
| 24 | 2 | --- | 2 | --- | --- | --- | 6 | --- | 6 | --- | --- | --- |
| 23 | 8 | --- | 8 | --- | --- | --- | 9 | --- | 9 | --- | --- | --- |
| ≤ 22 | 1,174 | 1 | 30 | 359 | 9 | 775 | 1,208 | 1 | 67 | 356 | 10 | 774 |
| | | | | | | | | | | | Total trips: | 3,613 |

SAN PABLO BAY AND MARE ISLAND STRAIT, CA
Upbound

Downbound

| | | | | | | | | | | | | |
|-------------|-------|-------|-----|-----|-----|-----|-------|-------|-----|-----|-----|-----|
| Grand Total | 3,509 | 1,197 | 686 | 750 | 341 | 535 | 3,546 | 1,204 | 708 | 747 | 334 | 553 |
|-------------|-------|-------|-----|-----|-----|-----|-------|-------|-----|-----|-----|-----|

FOREIGN

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Total | 654 | 461 | 186 | 3 | 4 | --- | 686 | 468 | 197 | 10 | 9 | 2 |
| 45 | 6 | --- | 6 | --- | --- | --- | 2 | 1 | 1 | --- | --- | --- |
| 44 | --- | --- | --- | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 43 | 1 | 1 | --- | --- | --- | --- | 7 | 1 | 6 | --- | --- | --- |
| 42 | 2 | --- | 2 | --- | --- | --- | 8 | --- | 8 | --- | --- | --- |
| 40 | --- | --- | --- | --- | --- | --- | 5 | --- | 5 | --- | --- | --- |
| 39 | 1 | --- | 1 | --- | --- | --- | 5 | --- | 5 | --- | --- | --- |
| 38 | 2 | --- | 2 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 37 | 9 | --- | 9 | --- | --- | --- | 5 | --- | 5 | --- | --- | --- |
| 36 | 5 | 1 | 4 | --- | --- | --- | 7 | --- | 7 | --- | --- | --- |
| 35 | 7 | --- | 7 | --- | --- | --- | 5 | 1 | 4 | --- | --- | --- |
| 34 | 16 | --- | 16 | --- | --- | --- | 11 | 1 | 10 | --- | --- | --- |
| 33 | 18 | 9 | 9 | --- | --- | --- | 19 | 9 | 10 | --- | --- | --- |
| 32 | 17 | 10 | 7 | --- | --- | --- | 48 | 40 | 8 | --- | --- | --- |
| 31 | 41 | 32 | 9 | --- | --- | --- | 39 | 26 | 13 | --- | --- | --- |
| 30 | 24 | 12 | 12 | --- | --- | --- | 37 | 24 | 13 | --- | --- | --- |
| 29 | 33 | 16 | 17 | --- | --- | --- | 30 | 23 | 7 | --- | --- | --- |
| 28 | 58 | 39 | 19 | --- | --- | --- | 63 | 42 | 21 | --- | --- | --- |
| 27 | 73 | 62 | 11 | --- | --- | --- | 71 | 61 | 10 | --- | --- | --- |
| 26 | 74 | 53 | 21 | --- | --- | --- | 58 | 52 | 6 | --- | --- | --- |
| 25 | 53 | 49 | 4 | --- | --- | --- | 82 | 69 | 13 | --- | --- | --- |
| 24 | 48 | 39 | 9 | --- | --- | --- | 49 | 43 | 6 | --- | --- | --- |
| 23 | 32 | 29 | 3 | --- | --- | --- | 32 | 26 | 6 | --- | --- | --- |
| ≤ 22 | 134 | 109 | 18 | 3 | 4 | --- | 98 | 49 | 28 | 10 | 9 | 2 |

DOMESTIC

| | | | | | | | | | | | | |
|-------|-------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|
| Total | 2,855 | 736 | 500 | 747 | 337 | 535 | 2,860 | 736 | 511 | 737 | 325 | 551 |
| 40 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 37 | 5 | --- | 5 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 36 | 31 | 8 | 23 | --- | --- | --- | 14 | --- | 14 | --- | --- | --- |
| 35 | 35 | 4 | 31 | --- | --- | --- | 25 | --- | 25 | --- | --- | --- |
| 34 | 20 | 1 | 19 | --- | --- | --- | 27 | --- | 27 | --- | --- | --- |
| 33 | 19 | 3 | 16 | --- | --- | --- | 11 | --- | 11 | --- | --- | --- |
| 32 | 33 | --- | 33 | --- | --- | --- | 24 | --- | 24 | --- | --- | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

SAN PABLO BAY AND MARE ISLAND STRAIT, CA - continued

Upbound

Downbound

DOMESTIC

| | | | | | | | | | | | | |
|------|-------|-----|-----|-----|-----|-----|-------|-----|-----|-----|--------------|-------|
| 31 | 24 | --- | 24 | --- | --- | --- | 20 | --- | 20 | --- | --- | --- |
| 30 | 84 | --- | 84 | --- | --- | --- | 33 | --- | 33 | --- | --- | --- |
| 29 | 32 | 1 | 31 | --- | --- | --- | 25 | --- | 25 | --- | --- | --- |
| 28 | 22 | --- | 22 | --- | --- | --- | 14 | --- | 14 | --- | --- | --- |
| 27 | 17 | --- | 17 | --- | --- | --- | 10 | --- | 10 | --- | --- | --- |
| 26 | 21 | --- | 21 | --- | --- | --- | 14 | 2 | 12 | --- | --- | --- |
| 25 | 40 | --- | 39 | --- | --- | 1 | 62 | 8 | 54 | --- | --- | --- |
| 24 | 18 | --- | 18 | --- | --- | --- | 30 | 5 | 25 | --- | --- | --- |
| 23 | 11 | --- | 11 | --- | --- | --- | 5 | --- | 5 | --- | --- | --- |
| ≤ 22 | 2,442 | 719 | 105 | 747 | 337 | 534 | 2,544 | 721 | 210 | 737 | 325 | 551 |
| | | | | | | | | | | | Total trips: | 7,055 |

CARQUINEZ STRAIT, CA

Upbound

Downbound

| | | | | | | | | | | | | |
|-------------|-------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|
| Grand Total | 2,516 | 500 | 526 | 707 | 272 | 511 | 2,543 | 508 | 551 | 713 | 280 | 491 |
|-------------|-------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|

FOREIGN

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Total | 634 | 460 | 167 | 3 | 4 | --- | 667 | 468 | 178 | 10 | 9 | 2 |
| 45 | 6 | --- | 6 | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 44 | --- | --- | --- | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 43 | 1 | 1 | --- | --- | --- | --- | 7 | 1 | 6 | --- | --- | --- |
| 42 | 2 | --- | 2 | --- | --- | --- | 8 | --- | 8 | --- | --- | --- |
| 40 | --- | --- | --- | --- | --- | --- | 4 | --- | 4 | --- | --- | --- |
| 39 | 1 | --- | 1 | --- | --- | --- | 5 | --- | 5 | --- | --- | --- |
| 38 | 2 | --- | 2 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 37 | 9 | --- | 9 | --- | --- | --- | 5 | --- | 5 | --- | --- | --- |
| 36 | 5 | 1 | 4 | --- | --- | --- | 7 | --- | 7 | --- | --- | --- |
| 35 | 6 | --- | 6 | --- | --- | --- | 5 | 1 | 4 | --- | --- | --- |
| 34 | 10 | --- | 10 | --- | --- | --- | 11 | 1 | 10 | --- | --- | --- |
| 33 | 16 | 9 | 7 | --- | --- | --- | 18 | 9 | 9 | --- | --- | --- |
| 32 | 16 | 10 | 6 | --- | --- | --- | 46 | 40 | 6 | --- | --- | --- |
| 31 | 40 | 32 | 8 | --- | --- | --- | 37 | 26 | 11 | --- | --- | --- |
| 30 | 24 | 12 | 12 | --- | --- | --- | 36 | 24 | 12 | --- | --- | --- |
| 29 | 30 | 16 | 14 | --- | --- | --- | 28 | 23 | 5 | --- | --- | --- |
| 28 | 58 | 39 | 19 | --- | --- | --- | 61 | 42 | 19 | --- | --- | --- |
| 27 | 72 | 62 | 10 | --- | --- | --- | 68 | 61 | 7 | --- | --- | --- |
| 26 | 73 | 53 | 20 | --- | --- | --- | 58 | 52 | 6 | --- | --- | --- |
| 25 | 53 | 49 | 4 | --- | --- | --- | 81 | 69 | 12 | --- | --- | --- |
| 24 | 47 | 39 | 8 | --- | --- | --- | 48 | 43 | 5 | --- | --- | --- |
| 23 | 32 | 29 | 3 | --- | --- | --- | 32 | 26 | 6 | --- | --- | --- |
| ≤ 22 | 131 | 108 | 16 | 3 | 4 | --- | 96 | 49 | 26 | 10 | 9 | 2 |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

CARQUINEZ STRAIT, CA - continued
Upbound

Downbound

DOMESTIC

| | | | | | | | | | | | | |
|---------------------|--------------|-----------|------------|------------|------------|------------|--------------|-----------|------------|------------|--------------|------------|
| Total | 1,882 | 40 | 359 | 704 | 268 | 511 | 1,876 | 40 | 373 | 703 | 271 | 489 |
| 37 | 2 | --- | 2 | --- | --- | --- | 4 | --- | 4 | --- | --- | --- |
| 36 | 22 | 8 | 14 | --- | --- | --- | 11 | --- | 11 | --- | --- | --- |
| 35 | 28 | 4 | 24 | --- | --- | --- | 16 | --- | 16 | --- | --- | --- |
| 34 | 13 | 1 | 12 | --- | --- | --- | 17 | --- | 17 | --- | --- | --- |
| 33 | 15 | 3 | 12 | --- | --- | --- | 10 | --- | 10 | --- | --- | --- |
| 32 | 26 | --- | 26 | --- | --- | --- | 21 | --- | 21 | --- | --- | --- |
| 31 | 23 | --- | 23 | --- | --- | --- | 16 | --- | 16 | --- | --- | --- |
| 30 | 53 | --- | 53 | --- | --- | --- | 23 | --- | 23 | --- | --- | --- |
| 29 | 19 | 1 | 18 | --- | --- | --- | 16 | --- | 16 | --- | --- | --- |
| 28 | 14 | --- | 14 | --- | --- | --- | 7 | --- | 7 | --- | --- | --- |
| 27 | 11 | --- | 11 | --- | --- | --- | 9 | --- | 9 | --- | --- | --- |
| 26 | 15 | --- | 15 | --- | --- | --- | 13 | 3 | 10 | --- | --- | --- |
| 25 | 29 | --- | 28 | --- | --- | 1 | 54 | 11 | 43 | --- | --- | --- |
| 24 | 10 | --- | 10 | --- | --- | --- | 18 | 1 | 17 | --- | --- | --- |
| 23 | 5 | --- | 5 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| ≤ 22 | 1,597 | 23 | 92 | 704 | 268 | 510 | 1,640 | 25 | 152 | 703 | 271 | 489 |
| Total trips: | | | | | | | | | | | 5,059 | |

SUISUN BAY CHANNEL, CA

Upbound

Downbound

| | | | | | | | | | | | | |
|--------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Grand Total | 970 | 229 | 115 | 251 | 212 | 163 | 966 | 235 | 117 | 248 | 201 | 165 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|

FOREIGN

| | | | | | | | | | | | | |
|--------------|------------|------------|-----------|----------|----------|------------|------------|------------|-----------|----------|----------|------------|
| Total | 259 | 208 | 46 | 2 | 3 | --- | 268 | 214 | 47 | 3 | 4 | --- |
| 39 | --- | --- | --- | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 36 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 35 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 33 | 8 | 7 | 1 | --- | --- | --- | 12 | 7 | 5 | --- | --- | --- |
| 32 | 15 | 10 | 5 | --- | --- | --- | 37 | 35 | 2 | --- | --- | --- |
| 31 | 31 | 27 | 4 | --- | --- | --- | 24 | 21 | 3 | --- | --- | --- |
| 30 | 14 | 9 | 5 | --- | --- | --- | 18 | 16 | 2 | --- | --- | --- |
| 29 | 13 | 6 | 7 | --- | --- | --- | 18 | 18 | --- | --- | --- | --- |
| 28 | 18 | 9 | 9 | --- | --- | --- | 22 | 20 | 2 | --- | --- | --- |
| 27 | 20 | 17 | 3 | --- | --- | --- | 16 | 13 | 3 | --- | --- | --- |
| 26 | 18 | 11 | 7 | --- | --- | --- | 10 | 8 | 2 | --- | --- | --- |
| 25 | 11 | 11 | --- | --- | --- | --- | 31 | 28 | 3 | --- | --- | --- |
| 24 | 15 | 13 | 2 | --- | --- | --- | 10 | 10 | --- | --- | --- | --- |
| 23 | 12 | 10 | 2 | --- | --- | --- | 10 | 9 | 1 | --- | --- | --- |
| 22 | 17 | 17 | --- | --- | --- | --- | 18 | 11 | 7 | --- | --- | --- |
| 21 | 15 | 15 | --- | --- | --- | --- | 7 | 4 | 3 | --- | --- | --- |
| 20 | 16 | 15 | --- | --- | 1 | --- | 12 | 5 | 7 | --- | --- | --- |
| 19 | 12 | 9 | --- | 1 | 2 | --- | 2 | --- | 1 | --- | 1 | --- |
| ≤ 18 | 23 | 22 | --- | 1 | --- | --- | 17 | 9 | 2 | 3 | 3 | --- |

WCSC: PACIFIC COAST, ALASKA AND HAWAII

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

SUISUN BAY CHANNEL, CA - continued
Upbound

Downbound

DOMESTIC

| | | | | | | | | | | | | |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|
| Total | 711 | 21 | 69 | 249 | 209 | 163 | 698 | 21 | 70 | 245 | 197 | 165 |
| 39 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 37 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 36 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 35 | 2 | --- | 2 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 34 | 2 | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 33 | 1 | --- | 1 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 32 | 7 | --- | 7 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 31 | 3 | --- | 3 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 30 | 17 | --- | 17 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 29 | --- | --- | --- | --- | --- | --- | 4 | --- | 4 | --- | --- | --- |
| 28 | 1 | --- | 1 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 27 | 1 | --- | 1 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 26 | 1 | --- | 1 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 25 | 2 | --- | 2 | --- | --- | --- | 4 | --- | 4 | --- | --- | --- |
| 24 | 5 | --- | 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 | 4 | --- | 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | 4 | --- | 4 | --- | --- | --- | 6 | --- | 6 | --- | --- | --- |
| 21 | 4 | --- | 3 | --- | --- | 1 | 1 | --- | 1 | --- | --- | --- |
| 20 | 25 | --- | 3 | 3 | 19 | --- | 4 | --- | 2 | 2 | --- | --- |
| 19 | 2 | --- | --- | 1 | --- | 1 | --- | --- | --- | --- | --- | --- |
| ≤ 18 | 627 | 21 | 10 | 245 | 190 | 161 | 666 | 21 | 40 | 243 | 197 | 165 |
| Total trips: | | | | | | | | | | | 1,936 | |

HUMBOLDT HARBOR AND BAY, CA
Inbound

Outbound

| | | | | | | | | | | | | |
|-------------|-------|-----|---|-----|----|----|-------|-----|---|-----|----|----|
| Grand Total | 1,307 | 680 | 6 | 491 | 66 | 64 | 1,297 | 680 | 6 | 485 | 73 | 53 |
|-------------|-------|-----|---|-----|----|----|-------|-----|---|-----|----|----|

FOREIGN

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Total | 55 | 51 | --- | 2 | 2 | --- | 65 | 51 | --- | 7 | 6 | 1 |
| 35 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 33 | --- | --- | --- | --- | --- | --- | 4 | 4 | --- | --- | --- | --- |
| 32 | 1 | 1 | --- | --- | --- | --- | 4 | 4 | --- | --- | --- | --- |
| 30 | 1 | 1 | --- | --- | --- | --- | 11 | 11 | --- | --- | --- | --- |
| 29 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 28 | 4 | 4 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 27 | 3 | 3 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 26 | 7 | 7 | --- | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| 25 | 7 | 7 | --- | --- | --- | --- | 5 | 5 | --- | --- | --- | --- |
| 24 | 5 | 5 | --- | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| 23 | 12 | 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | 3 | 3 | --- | --- | --- | --- | 5 | 5 | --- | --- | --- | --- |
| 21 | 3 | 2 | --- | 1 | --- | --- | 3 | 2 | --- | 1 | --- | --- |
| 20 | 2 | 2 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 19 | 2 | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

HUMBOLDT HARBOR AND BAY, CA - continued

Inbound

Outbound

FOREIGN

| | | | | | | | | | | | | |
|------|---|---|------|---|---|------|----|------|------|---|---|---|
| ≤ 18\| | 4\| | 1 | ---- | 1\| | 2 | ---- | 13\| | ---- | ---- | 6\| | 6 | 1 |
|------|---|---|------|---|---|------|----|------|------|---|---|---|

DOMESTIC

| | | | | | | | | | | | | |
|--------------|--------------|------------|----------|------------|-----------|-----------|--------------|------------|----------|------------|---------------------|--------------|
| Total | 1,252 | 629 | 6 | 489 | 64 | 64 | 1,232 | 629 | 6 | 478 | 67 | 52 |
| 29 | 1 | ---- | 1 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 28 | 1 | ---- | 1 | ---- | ---- | ---- | ---- | ---- | 1 | ---- | ---- | ---- |
| 27 | 1 | ---- | 1 | ---- | ---- | ---- | 1 | ---- | ---- | ---- | ---- | ---- |
| 25 | 2 | ---- | 2 | ---- | ---- | ---- | 2 | ---- | 2 | ---- | ---- | ---- |
| 23 | 1 | ---- | 1 | ---- | ---- | ---- | 2 | ---- | 2 | ---- | ---- | ---- |
| 20 | ---- | ---- | ---- | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| ≤ 18 | 1,246 | 629 | ---- | 489 | 64 | 64 | 1,226 | 629 | ---- | 478 | 67 | 52 |
| | | | | | | | | | | | Total trips: | 2,604 |

BERKELEY, CA
(7 feet and less)

Inbound

Outbound

| | | | | | | | | | | | | |
|--------------------|------------|------------|------|----------|------|------|------------|------------|------|----------|---------------------|--------------|
| Grand Total | 724 | 721 | ---- | 3 | ---- | ---- | 727 | 724 | ---- | 3 | ---- | ---- |
| | | | | | | | | | | | Total trips: | 1,451 |

BODEGA BAY, CA
No Vessel Trips Reported**CRESCENT CITY HARBOR, CA**
No Vessel Trips Reported**MONTEREY HARBOR, CA**
No Vessel Trips Reported**MOSS LANDING HARBOR, CA**
(14 feet and less)

Inbound

Outbound

| | | | | | | | | | | | | |
|--------------------|----------|------|------|----------|------|----------|----------|------|------|----------|---------------------|----------|
| Grand Total | 2 | ---- | ---- | 1 | ---- | 1 | 2 | ---- | ---- | 1 | ---- | 1 |
| | | | | | | | | | | | Total trips: | 4 |

NAPA RIVER, CA
(14 feet and less)

Upbound

Downbound

| | | | | | | | | | | | | |
|--------------------|-----------|------|------|-----------|-----------|------|-----------|------|------|-----------|---------------------|-----------|
| Grand Total | 47 | ---- | ---- | 23 | 24 | ---- | 46 | ---- | ---- | 24 | 22 | ---- |
| | | | | | | | | | | | Total trips: | 93 |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

NOYO RIVER, CA

No Vessel Trips Reported

PETALUMA RIVER, CA
(11 feet and less)

| | | | | | | | | | | | | |
|--------------|-----|-------|-------|-----|-----|-------|-----------|-------|-------|-----|-----|-------|
| Upbound | | | | | | | Downbound | | | | | |
| Grand Total | 315 | ----- | ----- | 139 | 176 | ----- | 320 | ----- | ----- | 138 | 182 | ----- |
| Total trips: | | | | | | | | | | | | 635 |

PILLAR POINT HARBOR, CA

No Vessel Trips Reported

SAN RAFAEL CREEK, CA

No Vessel Trips Reported

SANTA CRUZ HARBOR, CA
(10 feet and less)

| | | | | | | | | | | | | |
|--------------|-----|-----|-------|-------|-------|-------|----------|-----|-------|-------|-------|-------|
| Inbound | | | | | | | Outbound | | | | | |
| Grand Total | 106 | 106 | ----- | ----- | ----- | ----- | 106 | 106 | ----- | ----- | ----- | ----- |
| Total trips: | | | | | | | | | | | | 212 |

SUISUN CHANNEL, CA
(8 feet and less)

| | | | | | | | | | | | | |
|--------------|---|-------|-------|---|---|-------|-----------|-------|-------|---|---|-------|
| Upbound | | | | | | | Downbound | | | | | |
| Grand Total | 5 | ----- | ----- | 2 | 3 | ----- | 5 | ----- | ----- | 2 | 3 | ----- |
| Total trips: | | | | | | | | | | | | 10 |

OTHER SAN FRANCISCO BAY AREA PORTS, CA
(50 feet and less)

| | | | | | | | | | | | | |
|--------------|--------|--------|-----|-----|-----|-----|----------|--------|-----|-----|-----|--------|
| Inbound | | | | | | | Outbound | | | | | |
| Grand Total | 19,244 | 17,694 | 305 | 555 | 319 | 371 | 19,231 | 17,678 | 312 | 551 | 319 | 371 |
| Total trips: | | | | | | | | | | | | 38,475 |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

HILO HARBOR, HI

| | Inbound | | | | | | Outbound | | | | | |
|-------------|---------|----|---|-----|-----|-----|----------|----|---|-----|-----|-----|
| Grand Total | 817 | 74 | 1 | 245 | 394 | 103 | 822 | 76 | 1 | 242 | 402 | 101 |

FOREIGN

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Total | 71 | 68 | 1 | 1 | 1 | --- | 70 | 69 | 1 | --- | --- | --- |
| 32 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 30 | 6 | 6 | --- | --- | --- | --- | 4 | 4 | --- | --- | --- | --- |
| 29 | 2 | 2 | --- | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| 28 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 27 | 1 | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- | --- |
| 26 | --- | --- | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 25 | 2 | 2 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 24 | 2 | 2 | --- | --- | --- | --- | 3 | 2 | 1 | --- | --- | --- |
| 23 | 1 | --- | 1 | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 22 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 20 | 2 | 2 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| ≤ 18 | 52 | 51 | --- | 1 | --- | --- | 50 | 50 | --- | --- | --- | --- |

DOMESTIC

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------|-------|
| Total | 746 | 6 | --- | 244 | 393 | 103 | 752 | 7 | --- | 242 | 402 | 101 |
| 33 | --- | --- | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 31 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 30 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 28 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 27 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 26 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ≤ 18 | 741 | 1 | --- | 244 | 393 | 103 | 747 | 2 | --- | 242 | 402 | 101 |
| | | | | | | | | | | | Total trips: | 1,639 |

KAWAIHAE HARBOR, HI

| | Inbound | | | | | | Outbound | | | | | |
|-------------|---------|---|-----|-----|-----|-----|----------|---|-----|-----|-----|-----|
| Grand Total | 643 | 1 | --- | 194 | 448 | --- | 664 | 5 | --- | 192 | 467 | --- |

FOREIGN

| | | | | | | | | | | | | |
|-------|---|---|-----|-----|-----|-----|---|---|-----|-----|-----|-----|
| Total | 1 | 1 | --- | --- | --- | --- | 5 | 5 | --- | --- | --- | --- |
| ≤ 18 | 1 | 1 | --- | --- | --- | --- | 5 | 5 | --- | --- | --- | --- |

DOMESTIC

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------|-------|
| Total | 642 | --- | --- | 194 | 448 | --- | 659 | --- | --- | 192 | 467 | --- |
| ≤ 18 | 642 | --- | --- | 194 | 448 | --- | 659 | --- | --- | 192 | 467 | --- |
| | | | | | | | | | | | Total trips: | 1,307 |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

KAHULUI HARBOR, MAUI, HI

| Inbound | | | | | | | Outbound | | | | | |
|-------------|-------|----|-------|-----|-----|----|----------|----|-------|-----|-----|----|
| Grand Total | 1,228 | 35 | ----- | 362 | 736 | 95 | 1,229 | 32 | ----- | 368 | 736 | 93 |

FOREIGN

| | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|----|----|-------|-------|-------|-------|
| Total | 24 | 24 | ----- | ----- | ----- | ----- | 21 | 21 | ----- | ----- | ----- | ----- |
| 34 | 1 | 1 | ----- | ----- | ----- | ----- | 1 | 1 | ----- | ----- | ----- | ----- |
| 33 | 1 | 1 | ----- | ----- | ----- | ----- | 1 | 1 | ----- | ----- | ----- | ----- |
| 31 | 3 | 3 | ----- | ----- | ----- | ----- | 2 | 2 | ----- | ----- | ----- | ----- |
| 30 | ----- | ----- | ----- | ----- | ----- | ----- | 2 | 2 | ----- | ----- | ----- | ----- |
| 29 | 2 | 2 | ----- | ----- | ----- | ----- | 1 | 1 | ----- | ----- | ----- | ----- |
| 28 | 2 | 2 | ----- | ----- | ----- | ----- | 2 | 2 | ----- | ----- | ----- | ----- |
| 26 | 1 | 1 | ----- | ----- | ----- | ----- | 1 | 1 | ----- | ----- | ----- | ----- |
| 25 | 1 | 1 | ----- | ----- | ----- | ----- | 1 | 1 | ----- | ----- | ----- | ----- |
| 24 | 3 | 3 | ----- | ----- | ----- | ----- | 3 | 3 | ----- | ----- | ----- | ----- |
| 20 | 2 | 2 | ----- | ----- | ----- | ----- | 1 | 1 | ----- | ----- | ----- | ----- |
| ≤ 18 | 8 | 8 | ----- | ----- | ----- | ----- | 6 | 6 | ----- | ----- | ----- | ----- |

DOMESTIC

| | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|-------|-------|
| Total | 1,204 | 11 | ----- | 362 | 736 | 95 | 1,208 | 11 | ----- | 368 | 736 | 93 |
| 36 | ----- | ----- | ----- | ----- | ----- | ----- | 2 | 2 | ----- | ----- | ----- | ----- |
| 33 | ----- | ----- | ----- | ----- | ----- | ----- | 4 | 4 | ----- | ----- | ----- | ----- |
| 32 | ----- | ----- | ----- | ----- | ----- | ----- | 1 | 1 | ----- | ----- | ----- | ----- |
| 31 | ----- | ----- | ----- | ----- | ----- | ----- | 1 | 1 | ----- | ----- | ----- | ----- |
| 30 | ----- | ----- | ----- | ----- | ----- | ----- | 1 | 1 | ----- | ----- | ----- | ----- |
| 29 | 2 | 2 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 27 | ----- | ----- | ----- | ----- | ----- | ----- | 1 | 1 | ----- | ----- | ----- | ----- |
| 26 | 1 | 1 | ----- | ----- | ----- | ----- | 1 | 1 | ----- | ----- | ----- | ----- |
| 25 | 4 | 4 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 24 | 3 | 3 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| ≤ 18 | 1,194 | 1 | ----- | 362 | 736 | 95 | 1,197 | ----- | ----- | 368 | 736 | 93 |
| | | | | | | | | | | Total trips: | | 2,457 |

BARBERS POINT HARBOR, OAHU, HI

| Upbound | | | | | | | Downbound | | | | | |
|-------------|-------|----|-----|-----|----|-----|-----------|----|-----|-----|----|-----|
| Grand Total | 1,050 | 22 | 119 | 650 | 66 | 193 | 1,085 | 29 | 117 | 653 | 68 | 218 |

FOREIGN

| | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Total | 109 | 22 | 85 | 1 | 1 | ----- | 122 | 29 | 91 | 1 | 1 | ----- |
| 46 | 26 | 2 | 24 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 45 | 5 | ----- | 5 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 44 | 2 | ----- | 2 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 43 | 4 | ----- | 4 | ----- | ----- | ----- | 1 | ----- | 1 | ----- | ----- | ----- |
| 42 | 2 | ----- | 2 | ----- | ----- | ----- | 1 | ----- | 1 | ----- | ----- | ----- |
| 41 | 1 | 1 | ----- | ----- | ----- | ----- | 1 | 1 | ----- | ----- | ----- | ----- |
| 40 | ----- | ----- | ----- | ----- | ----- | ----- | 1 | ----- | 1 | ----- | ----- | ----- |
| 39 | 2 | ----- | 2 | ----- | ----- | ----- | 6 | 1 | 5 | ----- | ----- | ----- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

BARBERS POINT HARBOR, OAHU, HI - continued
Upbound

Downbound

FOREIGN

| | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 38 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 37 | 4 | 4 | --- | --- | --- | --- | 2 | 1 | 1 | --- | --- | --- |
| 36 | 3 | 3 | --- | --- | --- | --- | 7 | 1 | 6 | --- | --- | --- |
| 35 | --- | --- | --- | --- | --- | --- | 20 | 1 | 19 | --- | --- | --- |
| 34 | 1 | --- | 1 | --- | --- | --- | 6 | 2 | 4 | --- | --- | --- |
| 33 | 5 | 4 | 1 | --- | --- | --- | 6 | 2 | 4 | --- | --- | --- |
| 32 | 3 | 2 | 1 | --- | --- | --- | 10 | 1 | 9 | --- | --- | --- |
| 31 | --- | --- | --- | --- | --- | --- | 5 | 1 | 4 | --- | --- | --- |
| 30 | 2 | --- | 2 | --- | --- | --- | 14 | 3 | 11 | --- | --- | --- |
| 29 | 1 | --- | 1 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 28 | 1 | --- | 1 | --- | --- | --- | 6 | 1 | 5 | --- | --- | --- |
| 27 | 3 | --- | 3 | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 26 | 4 | --- | 4 | --- | --- | --- | 3 | 2 | 1 | --- | --- | --- |
| 25 | 2 | --- | 2 | --- | --- | --- | 2 | 1 | 1 | --- | --- | --- |
| 24 | 2 | 1 | 1 | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 23 | 2 | --- | 2 | --- | --- | --- | 4 | 1 | 3 | --- | --- | --- |
| 22 | 5 | --- | 5 | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 21 | 1 | --- | 1 | --- | --- | --- | 5 | 1 | 4 | --- | --- | --- |
| 20 | 8 | 1 | 7 | --- | --- | --- | 9 | 2 | 7 | --- | --- | --- |
| 19 | 2 | --- | 2 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 18 | 2 | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 17 | 4 | 1 | 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | 4 | --- | 4 | --- | --- | --- | 1 | --- | --- | 1 | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 14 | 2 | --- | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- |
| 13 | 2 | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ≤ 12 | 3 | 1 | 1 | --- | 1 | --- | 1 | --- | --- | --- | 1 | --- |

DOMESTIC

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Total | 941 | --- | 34 | 649 | 65 | 193 | 963 | --- | 26 | 652 | 67 | 218 |
| 46 | 18 | --- | 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 45 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 44 | 3 | --- | 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 43 | 4 | --- | 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 42 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 40 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 39 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 38 | 1 | --- | 1 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 34 | --- | --- | --- | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 32 | --- | --- | --- | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 30 | --- | --- | --- | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 29 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 28 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 27 | 1 | --- | 1 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 25 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 20 | 3 | --- | --- | --- | --- | 3 | 29 | --- | 2 | 1 | --- | 26 |
| 19 | 6 | --- | --- | --- | --- | 6 | 11 | --- | --- | --- | --- | 11 |
| 18 | 3 | --- | --- | 1 | --- | 2 | 1 | --- | --- | 1 | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | 1 |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

BARBERS POINT HARBOR, OAHU, HI - continued

Upbound

Downbound

DOMESTIC

| | | | | | | | | | | | | |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------|
| 15 | 10 | --- | --- | --- | --- | 10 | 40 | --- | --- | --- | --- | 40 |
| 14 | 5 | --- | --- | 5 | --- | --- | 5 | --- | --- | 4 | --- | 1 |
| ≤ 12 | 880 | --- | --- | 643 | 65 | 172 | 865 | --- | 13 | 646 | 67 | 139 |
| Total trips: | | | | | | | | | | | | 2,135 |

HONOLULU HARBOR, OAHU, HI

Inbound

Outbound

| | | | | | | | | | | | | |
|--------------------|--------------|--------------|-----------|--------------|--------------|------------|--------------|--------------|-----------|--------------|--------------|------------|
| Grand Total | 7,760 | 3,084 | 69 | 1,766 | 2,421 | 420 | 7,682 | 3,095 | 67 | 1,743 | 2,399 | 378 |
|--------------------|--------------|--------------|-----------|--------------|--------------|------------|--------------|--------------|-----------|--------------|--------------|------------|

FOREIGN

| | | | | | | | | | | | | |
|--------------|------------|------------|-----------|-----------|-----------|----------|------------|------------|-----------|-----------|-----------|----------|
| Total | 888 | 772 | 64 | 25 | 18 | 9 | 884 | 784 | 61 | 21 | 15 | 3 |
| 40 | 14 | 5 | 9 | --- | --- | --- | 7 | 3 | 4 | --- | --- | --- |
| 39 | 5 | 5 | --- | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| 38 | 2 | 1 | 1 | --- | --- | --- | 3 | 2 | 1 | --- | --- | --- |
| 37 | 4 | 4 | --- | --- | --- | --- | 2 | 1 | 1 | --- | --- | --- |
| 36 | 10 | 8 | 2 | --- | --- | --- | 8 | 7 | 1 | --- | --- | --- |
| 35 | 29 | 27 | 2 | --- | --- | --- | 27 | 25 | 2 | --- | --- | --- |
| 34 | 32 | 28 | 4 | --- | --- | --- | 35 | 29 | 6 | --- | --- | --- |
| 33 | 20 | 18 | 2 | --- | --- | --- | 19 | 17 | 2 | --- | --- | --- |
| 32 | 18 | 18 | --- | --- | --- | --- | 21 | 21 | --- | --- | --- | --- |
| 31 | 16 | 15 | 1 | --- | --- | --- | 19 | 15 | 4 | --- | --- | --- |
| 30 | 18 | 18 | --- | --- | --- | --- | 24 | 23 | 1 | --- | --- | --- |
| 29 | 8 | 7 | 1 | --- | --- | --- | 7 | 6 | 1 | --- | --- | --- |
| 28 | 17 | 14 | 3 | --- | --- | --- | 12 | 12 | --- | --- | --- | --- |
| 27 | 15 | 11 | 4 | --- | --- | --- | 9 | 7 | 2 | --- | --- | --- |
| 26 | 11 | 9 | 2 | --- | --- | --- | 16 | 15 | 1 | --- | --- | --- |
| 25 | 21 | 19 | 2 | --- | --- | --- | 21 | 16 | 4 | --- | 1 | --- |
| 24 | 28 | 27 | 1 | --- | --- | --- | 31 | 29 | 2 | --- | --- | --- |
| 23 | 10 | 9 | 1 | --- | --- | --- | 11 | 11 | --- | --- | --- | --- |
| 22 | 11 | 10 | 1 | --- | --- | --- | 13 | 10 | 3 | --- | --- | --- |
| 21 | 23 | 19 | 4 | --- | --- | --- | 20 | 13 | 7 | --- | --- | --- |
| 20 | 17 | 12 | 5 | --- | --- | --- | 23 | 17 | 6 | --- | --- | --- |
| 19 | 16 | 13 | 1 | --- | --- | 2 | 17 | 14 | 3 | --- | --- | --- |
| ≤ 18 | 543 | 475 | 18 | 25 | 18 | 7 | 533 | 485 | 10 | 21 | 14 | 3 |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|--------------|--------------|----------|--------------|--------------|------------|--------------|--------------|----------|--------------|--------------|------------|
| Total | 6,872 | 2,312 | 5 | 1,741 | 2,403 | 411 | 6,798 | 2,311 | 6 | 1,722 | 2,384 | 375 |
| 37 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 36 | 12 | 11 | 1 | --- | --- | --- | 9 | 9 | --- | --- | --- | --- |
| 35 | 15 | 15 | --- | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| 34 | 14 | 14 | --- | --- | --- | --- | 15 | 15 | --- | --- | --- | --- |
| 33 | 27 | 26 | 1 | --- | --- | --- | 21 | 21 | --- | --- | --- | --- |
| 32 | 24 | 24 | --- | --- | --- | --- | 21 | 21 | --- | --- | --- | --- |
| 31 | 55 | 55 | --- | --- | --- | --- | 53 | 53 | --- | --- | --- | --- |
| 30 | 92 | 91 | 1 | --- | --- | --- | 74 | 74 | --- | --- | --- | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

HONOLULU HARBOR, OAHU, HI - continued

Inbound

Outbound

DOMESTIC

| | | | | | | | | | | | | |
|------|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|--------------|--------|
| 29 | 52 | 52 | --- | --- | --- | --- | 30 | 29 | 1 | --- | --- | --- |
| 28 | 12 | 12 | --- | --- | --- | --- | 53 | 52 | 1 | --- | --- | --- |
| 27 | 4 | 4 | --- | --- | --- | --- | 56 | 55 | 1 | --- | --- | --- |
| 26 | 1 | 1 | --- | --- | --- | --- | 33 | 32 | 1 | --- | --- | --- |
| 25 | 1 | 1 | --- | --- | --- | --- | 8 | 7 | 1 | --- | --- | --- |
| 24 | 6 | 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 | 5 | 4 | 1 | --- | --- | --- | 3 | 2 | 1 | --- | --- | --- |
| 22 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 21 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 20 | 1,085 | 1,050 | --- | --- | --- | 35 | 1,050 | 1,039 | --- | --- | --- | 11 |
| 19 | 26 | 11 | --- | --- | --- | 15 | 7 | 2 | --- | --- | --- | 5 |
| ≤ 18 | 5,440 | 935 | --- | 1,741 | 2,403 | 361 | 5,357 | 892 | --- | 1,722 | 2,384 | 359 |
| | | | | | | | | | | | Total trips: | 15,442 |

NAWILIWILI HARBOR, KAUAI, HI

Inbound

Outbound

| | | | | | | | | | | | | |
|-------------|-----|----|-----|-----|-----|----|-----|----|-----|-----|-----|----|
| Grand Total | 607 | 24 | --- | 162 | 403 | 18 | 611 | 29 | --- | 163 | 402 | 17 |
|-------------|-----|----|-----|-----|-----|----|-----|----|-----|-----|-----|----|

FOREIGN

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Total | 16 | 16 | --- | --- | --- | --- | 21 | 21 | --- | --- | --- | --- |
| 32 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 30 | 8 | 8 | --- | --- | --- | --- | 8 | 8 | --- | --- | --- | --- |
| 29 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 27 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 26 | 1 | 1 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 25 | 1 | 1 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 24 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ≤ 18 | 1 | 1 | --- | --- | --- | --- | 7 | 7 | --- | --- | --- | --- |

DOMESTIC

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------|-------|
| Total | 591 | 8 | --- | 162 | 403 | 18 | 590 | 8 | --- | 163 | 402 | 17 |
| 36 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 33 | 1 | 1 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 32 | --- | --- | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 30 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 29 | --- | --- | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 27 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 26 | 2 | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 25 | 4 | 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ≤ 18 | 583 | --- | --- | 162 | 403 | 18 | 582 | --- | --- | 163 | 402 | 17 |
| | | | | | | | | | | | Total trips: | 1,218 |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

HANA HARBOR, MAUI, HI
No Vessel Trips Reported

KAILUA HARBOR, OAHU, HI
No Vessel Trips Reported

KALAUPAPA HARBOR, MOLOKAI, HI
(12 feet and less)

| | | | | | | | | | | | | |
|--------------------|-----------|------|------|-----------|------|------|-----------|------|------|---------------------|------|-----------|
| | | | | Inbound | | | | | | Outbound | | |
| Grand Total | 19 | ---- | ---- | 19 | ---- | ---- | 19 | ---- | ---- | 19 | ---- | ---- |
| | | | | | | | | | | Total trips: | | 38 |

KAUNAKAKAI HARBOR, MOLOKAI, HI
(17 feet and less)

| | | | | | | | | | | | | |
|--------------------|--------------|------------|------|------------|------------|------|--------------|------------|------|---------------------|------------|--------------|
| | | | | Inbound | | | | | | Outbound | | |
| Grand Total | 1,581 | 720 | ---- | 232 | 629 | ---- | 1,578 | 720 | ---- | 229 | 629 | ---- |
| | | | | | | | | | | Total trips: | | 3,159 |

PORT ALLEN HARBOR, KAUAI, HI
(13 feet and less)

| | | | | | | | | | | | | |
|--------------------|------------|------------|------|-----------|----------|------|------------|------------|------|---------------------|----------|------------|
| | | | | Inbound | | | | | | Outbound | | |
| Grand Total | 264 | 251 | ---- | 12 | 1 | ---- | 263 | 252 | ---- | 10 | 1 | ---- |
| | | | | | | | | | | Total trips: | | 527 |

WAKE ISLAND HARBOR, WAKE ISLAND
No Vessel Trips Reported

WELLS HARBOR, MIDWAY ISLAND
No Vessel Trips Reported

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

COLUMBIA RIVER AND TRIBUTARIES ABOVE MCNARY LOCK AND DAM TO KENNEWICK, WA

| | Upbound | | | | | | Downbound | | | | | |
|-------------|---------|----|------|-------|-------|-------|-----------|----|------|-------|-------|-------|
| Grand Total | 4,439 | 43 | ---- | 1,365 | 1,895 | 1,136 | 4,437 | 41 | ---- | 1,364 | 1,896 | 1,136 |

DOMESTIC

| | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|-------|
| Total | 4,439 | 43 | ---- | 1,365 | 1,895 | 1,136 | 4,437 | 41 | ---- | 1,364 | 1,896 | 1,136 |
| 17 | ----- | ----- | ----- | ----- | ----- | ----- | 3 | ----- | ----- | ----- | 3 | ----- |
| 16 | ----- | ----- | ----- | ----- | ----- | ----- | 145 | ----- | ----- | ----- | 145 | ----- |
| 15 | 1 | ----- | ----- | ----- | 1 | ----- | 86 | ----- | ----- | ----- | 86 | ----- |
| 14 | 24 | ----- | ----- | ----- | 24 | ----- | 302 | ----- | ----- | ----- | 120 | 182 |
| 13 | 222 | ----- | ----- | ----- | 183 | 39 | 539 | ----- | ----- | ----- | 242 | 297 |
| ≤ 12 | 4,192 | 43 | ----- | 1,365 | 1,687 | 1,097 | 3,362 | 41 | ----- | 1,364 | 1,300 | 657 |
| | | | | | | | | | | | Total trips: | 8,876 |

SNAKE RIVER, OR, WA AND ID

| | Upbound | | | | | | Downbound | | | | | |
|-------------|---------|-----|------|-------|-------|-----|-----------|-----|------|-------|-------|-----|
| Grand Total | 4,585 | 952 | ---- | 1,212 | 1,602 | 819 | 4,583 | 952 | ---- | 1,211 | 1,602 | 818 |

DOMESTIC

| | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|-------|
| Total | 4,585 | 952 | ---- | 1,212 | 1,602 | 819 | 4,583 | 952 | ---- | 1,211 | 1,602 | 818 |
| 17 | ----- | ----- | ----- | ----- | ----- | ----- | 3 | ----- | ----- | ----- | 3 | ----- |
| 16 | ----- | ----- | ----- | ----- | ----- | ----- | 101 | ----- | ----- | ----- | 101 | ----- |
| 15 | 1 | ----- | ----- | ----- | 1 | ----- | 76 | ----- | ----- | ----- | 76 | ----- |
| 14 | 24 | ----- | ----- | ----- | 24 | ----- | 193 | ----- | ----- | ----- | 100 | 93 |
| 13 | 178 | ----- | ----- | ----- | 152 | 26 | 382 | ----- | ----- | ----- | 155 | 227 |
| 12 | 112 | ----- | ----- | 15 | 80 | 17 | 227 | ----- | ----- | 18 | 145 | 64 |
| 11 | 135 | ----- | ----- | 65 | 4 | 66 | 150 | ----- | ----- | 61 | 74 | 15 |
| 10 | 558 | 12 | ----- | 435 | 45 | 66 | 542 | 12 | ----- | 426 | 90 | 14 |
| 9 | 474 | ----- | ----- | 381 | 44 | 49 | 485 | ----- | ----- | 381 | 95 | 9 |
| 8 | 353 | 31 | ----- | 230 | 8 | 84 | 323 | 29 | ----- | 245 | 46 | 3 |
| 7 | 206 | 18 | ----- | 71 | 20 | 97 | 110 | 18 | ----- | 67 | 23 | 2 |
| 6 | 88 | ----- | ----- | 14 | 9 | 65 | 38 | ----- | ----- | 12 | 24 | 2 |
| 5 | 71 | ----- | ----- | 1 | 28 | 42 | 46 | ----- | ----- | 1 | 15 | 30 |
| 4 | 70 | ----- | ----- | ----- | 44 | 26 | 143 | ----- | ----- | ----- | 49 | 94 |
| 3 | 1,103 | ----- | ----- | ----- | 875 | 228 | 747 | ----- | ----- | ----- | 550 | 197 |
| 2 | 1,059 | 738 | ----- | ----- | 268 | 53 | 1,006 | 882 | ----- | ----- | 56 | 68 |
| 1 | 153 | 153 | ----- | ----- | ----- | ----- | 11 | 11 | ----- | ----- | ----- | ----- |
| | | | | | | | | | | | Total trips: | 9,168 |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

COLUMBIA RIVER ENTRANCE, OR AND WA

Upbound

Downbound

| Grand Total | 2,947 | 1,996 | 192 | 347 | 195 | 217 | 2,907 | 1,990 | 185 | 348 | 190 | 194 |
|-------------|-------|-------|-----|-----|-----|-----|-------|-------|-----|-----|-----|-----|
|-------------|-------|-------|-----|-----|-----|-----|-------|-------|-----|-----|-----|-----|

FOREIGN

| Total | 2,093 | 1,811 | 56 | 112 | 95 | 19 | 2,054 | 1,797 | 65 | 94 | 81 | 17 |
|-------|-------|-------|----|-----|----|----|-------|-------|----|----|----|----|
| 40 | 2 | 2 | — | — | — | — | 40 | 37 | 3 | — | — | — |
| 39 | 1 | 1 | — | — | — | — | 32 | 32 | — | — | — | — |
| 38 | 5 | 3 | 2 | — | — | — | 60 | 60 | — | — | — | — |
| 37 | 5 | 3 | 2 | — | — | — | 68 | 67 | 1 | — | — | — |
| 36 | 17 | 13 | 4 | — | — | — | 117 | 117 | — | — | — | — |
| 35 | 24 | 22 | 2 | — | — | — | 83 | 81 | 2 | — | — | — |
| 34 | 40 | 39 | 1 | — | — | — | 166 | 166 | — | — | — | — |
| 33 | 46 | 46 | — | — | — | — | 162 | 160 | 2 | — | — | — |
| 32 | 50 | 49 | 1 | — | — | — | 137 | 133 | 4 | — | — | — |
| 31 | 47 | 45 | 2 | — | — | — | 43 | 43 | — | — | — | — |
| 30 | 63 | 62 | 1 | — | — | — | 77 | 76 | 1 | — | — | — |
| 29 | 100 | 95 | 5 | — | — | — | 68 | 66 | 2 | — | — | — |
| 28 | 105 | 99 | 6 | — | — | — | 92 | 89 | 3 | — | — | — |
| 27 | 107 | 101 | 6 | — | — | — | 83 | 80 | 3 | — | — | — |
| 26 | 109 | 108 | 1 | — | — | — | 103 | 98 | 5 | — | — | — |
| 25 | 118 | 112 | 6 | — | — | — | 98 | 93 | 5 | — | — | — |
| 24 | 145 | 142 | 2 | 1 | — | — | 110 | 105 | 5 | — | — | — |
| 23 | 120 | 117 | 3 | — | — | — | 67 | 63 | 4 | — | — | — |
| 22 | 141 | 141 | — | — | — | — | 68 | 64 | 4 | — | — | — |
| 21 | 137 | 135 | 2 | — | — | — | 51 | 48 | 3 | — | — | — |
| 20 | 181 | 137 | 1 | — | 41 | 2 | 56 | 36 | 3 | 2 | 15 | — |
| 19 | 146 | 141 | 2 | 3 | — | — | 30 | 25 | 2 | 3 | — | — |
| ≤ 18 | 384 | 198 | 7 | 108 | 54 | 17 | 243 | 58 | 13 | 89 | 66 | 17 |

DOMESTIC

| Total | 854 | 185 | 136 | 235 | 100 | 198 | 853 | 193 | 120 | 254 | 109 | 177 |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|
| 38 | 1 | — | 1 | — | — | — | — | — | — | — | — | — |
| 37 | 2 | — | 2 | — | — | — | — | — | — | — | — | — |
| 36 | 5 | — | 5 | — | — | — | — | — | — | — | — | — |
| 35 | 12 | — | 12 | — | — | — | — | — | — | — | — | — |
| 34 | 12 | — | 12 | — | — | — | 1 | — | 1 | — | — | — |
| 33 | 5 | — | 5 | — | — | — | 1 | — | 1 | — | — | — |
| 32 | 7 | — | 7 | — | — | — | 3 | — | 3 | — | — | — |
| 31 | 19 | — | 19 | — | — | — | 1 | — | 1 | — | — | — |
| 30 | 15 | — | 15 | — | — | — | 3 | 1 | 2 | — | — | — |
| 29 | 13 | — | 13 | — | — | — | 8 | 1 | 7 | — | — | — |
| 28 | 7 | — | 7 | — | — | — | 6 | 1 | 5 | — | — | — |
| 27 | 10 | 2 | 8 | — | — | — | 9 | — | 9 | — | — | — |
| 26 | 12 | 2 | 10 | — | — | — | 15 | 5 | 10 | — | — | — |
| 25 | 7 | 1 | 6 | — | — | — | 18 | 2 | 16 | — | — | — |
| 24 | 7 | 1 | 6 | — | — | — | 9 | — | 9 | — | — | — |
| 23 | 2 | — | 2 | — | — | — | 9 | — | 9 | — | — | — |
| 22 | 1 | — | 1 | — | — | — | 1 | — | 1 | — | — | — |
| 21 | 4 | — | — | — | — | 4 | 2 | — | 2 | — | — | — |
| 20 | 17 | — | 1 | 3 | 9 | 4 | 21 | — | 18 | 3 | — | — |
| 19 | 9 | — | 1 | — | 1 | 7 | 1 | — | — | — | — | 1 |
| ≤ 18 | 687 | 179 | 3 | 232 | 90 | 183 | 745 | 183 | 26 | 251 | 109 | 176 |
| Total trips: | | | | | | | | | | | 5,854 | |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY (CONSOLIDATED REPORT)

Upbound

Downbound

Grand Total **45,897** **23,529** **194** **14,208** **5,848** **2,118** **45,675** **23,455** **185** **14,130** **5,697** **2,208**

FOREIGN

| | | | | | | | | | | | | |
|--------------|--------------|--------------|-----------|------------|-----------|-----------|--------------|--------------|-----------|-----------|-----------|-----------|
| Total | 2,093 | 1,811 | 56 | 112 | 95 | 19 | 2,054 | 1,797 | 65 | 94 | 81 | 17 |
| 40 | 2 | 2 | — | — | — | — | 40 | 37 | 3 | — | — | — |
| 39 | 1 | 1 | — | — | — | — | 32 | 32 | — | — | — | — |
| 38 | 5 | 3 | 2 | — | — | — | 60 | 60 | — | — | — | — |
| 37 | 5 | 3 | 2 | — | — | — | 68 | 67 | 1 | — | — | — |
| 36 | 17 | 13 | 4 | — | — | — | 117 | 117 | — | — | — | — |
| 35 | 24 | 22 | 2 | — | — | — | 83 | 81 | 2 | — | — | — |
| 34 | 40 | 39 | 1 | — | — | — | 166 | 166 | — | — | — | — |
| 33 | 46 | 46 | — | — | — | — | 162 | 160 | 2 | — | — | — |
| 32 | 50 | 49 | 1 | — | — | — | 137 | 133 | 4 | — | — | — |
| 31 | 47 | 45 | 2 | — | — | — | 43 | 43 | — | — | — | — |
| 30 | 63 | 62 | 1 | — | — | — | 77 | 76 | 1 | — | — | — |
| 29 | 100 | 95 | 5 | — | — | — | 68 | 66 | 2 | — | — | — |
| 28 | 105 | 99 | 6 | — | — | — | 92 | 89 | 3 | — | — | — |
| 27 | 107 | 101 | 6 | — | — | — | 83 | 80 | 3 | — | — | — |
| 26 | 109 | 108 | 1 | — | — | — | 103 | 98 | 5 | — | — | — |
| 25 | 118 | 112 | 6 | — | — | — | 98 | 93 | 5 | — | — | — |
| 24 | 145 | 142 | 2 | 1 | — | — | 110 | 105 | 5 | — | — | — |
| 23 | 120 | 117 | 3 | — | — | — | 67 | 63 | 4 | — | — | — |
| 22 | 141 | 141 | — | — | — | — | 68 | 64 | 4 | — | — | — |
| 21 | 137 | 135 | 2 | — | — | — | 51 | 48 | 3 | — | — | — |
| 20 | 181 | 137 | 1 | — | 41 | 2 | 56 | 36 | 3 | 2 | 15 | — |
| 19 | 146 | 141 | 2 | 3 | — | — | 30 | 25 | 2 | 3 | — | — |
| 18 | 98 | 92 | 5 | — | 1 | — | 37 | 27 | 7 | 1 | 2 | — |
| 17 | 41 | 33 | 2 | 4 | 2 | — | 11 | 8 | 3 | — | — | — |
| 16 | 52 | 20 | — | 29 | 3 | — | 37 | 7 | 2 | 28 | — | — |
| 15 | 43 | 11 | — | 29 | 3 | — | 32 | 3 | — | 26 | 3 | — |
| 14 | 7 | 5 | — | — | 1 | 1 | 3 | 1 | 1 | 1 | — | — |
| 13 | 10 | 5 | — | 4 | — | 1 | 14 | 2 | — | — | 2 | 10 |
| 12 | 16 | 3 | — | 6 | 5 | 2 | 32 | 1 | — | 3 | 28 | — |
| 11 | 27 | — | — | 4 | 23 | — | 24 | — | — | — | 21 | 3 |
| 10 | 34 | 2 | — | 27 | 3 | 2 | 30 | 1 | — | 24 | 5 | — |
| 9 | 8 | 5 | — | 3 | — | — | 3 | — | — | 3 | — | — |
| 8 | 11 | 9 | — | — | 2 | — | 2 | 2 | — | — | — | — |
| 7 | 6 | 4 | — | — | 2 | — | 3 | 3 | — | — | — | — |
| 6 | 8 | 5 | — | — | 3 | — | 1 | 1 | — | — | — | — |
| 5 | 6 | 3 | — | — | 3 | — | 3 | 2 | — | 1 | — | — |
| 4 | 15 | 1 | — | 2 | 1 | 11 | 6 | — | — | 2 | — | 4 |

WCSC: PACIFIC COAST, ALASKA AND HAWAII

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

COLUMBIA RIVER, MOUTH TO INTERNATIONAL BOUNDARY - continued

Upbound

Downbound

FOREIGN

| | | | | | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|---|-----|-----|-----|---|-----|
| 3 | 2 | --- | --- | --- | 2 | --- | 4 | --- | --- | --- | 4 | --- |
| 2 | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | 1 | --- |

DOMESTIC

| Total | 43,804 | 21,718 | 138 | 14,096 | 5,753 | 2,099 | 43,621 | 21,658 | 120 | 14,036 | 5,616 | 2,191 |
|--------------|--------|--------|-----|--------|-------|-------|--------|--------|-----|--------|--------|-------|
| 38 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 37 | 2 | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 36 | 5 | --- | 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 35 | 12 | --- | 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 34 | 12 | --- | 12 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 33 | 5 | --- | 5 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 32 | 7 | --- | 7 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 31 | 19 | --- | 19 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 30 | 15 | --- | 15 | --- | --- | --- | 3 | 1 | 2 | --- | --- | --- |
| 29 | 14 | --- | 14 | --- | --- | --- | 8 | 1 | 7 | --- | --- | --- |
| 28 | 7 | --- | 7 | --- | --- | --- | 6 | 1 | 5 | --- | --- | --- |
| 27 | 10 | 2 | 8 | --- | --- | --- | 11 | 2 | 9 | --- | --- | --- |
| 26 | 12 | 2 | 10 | --- | --- | --- | 14 | 4 | 10 | --- | --- | --- |
| 25 | 7 | 1 | 6 | --- | --- | --- | 18 | 2 | 16 | --- | --- | --- |
| 24 | 8 | 1 | 7 | --- | --- | --- | 9 | --- | 9 | --- | --- | --- |
| 23 | 2 | --- | 2 | --- | --- | --- | 9 | --- | 9 | --- | --- | --- |
| 22 | 1 | --- | 1 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 21 | 4 | --- | --- | --- | --- | 4 | 2 | --- | 2 | --- | --- | --- |
| 20 | 17 | --- | 1 | 3 | 9 | 4 | 21 | --- | 18 | 3 | --- | --- |
| 19 | 9 | --- | 1 | --- | 1 | 7 | 1 | --- | --- | --- | --- | 1 |
| 18 | 28 | --- | --- | 4 | 1 | 23 | 23 | --- | 1 | 4 | --- | 18 |
| 17 | 25 | --- | --- | --- | 2 | 23 | 18 | --- | 1 | --- | 4 | 13 |
| 16 | 40 | --- | --- | 25 | 1 | 14 | 196 | --- | --- | 23 | 172 | 1 |
| 15 | 44 | --- | --- | 30 | 3 | 11 | 167 | --- | --- | 33 | 109 | 25 |
| 14 | 276 | --- | --- | 230 | 45 | 1 | 610 | --- | --- | 225 | 160 | 225 |
| 13 | 535 | --- | --- | 465 | 18 | 52 | 1,317 | --- | --- | 466 | 507 | 344 |
| 12 | 526 | --- | --- | 311 | 98 | 117 | 933 | 97 | --- | 312 | 311 | 213 |
| 11 | 1,312 | 34 | --- | 1,156 | 28 | 94 | 1,414 | 34 | --- | 1,157 | 192 | 31 |
| 10 | 3,207 | 12 | 1 | 2,841 | 254 | 99 | 3,221 | 12 | 2 | 2,842 | 316 | 49 |
| 9 | 2,331 | 3 | 2 | 1,598 | 569 | 159 | 1,862 | 3 | 22 | 1,599 | 187 | 51 |
| 8 | 1,483 | 48 | --- | 1,123 | 152 | 160 | 1,290 | 50 | --- | 1,063 | 160 | 17 |
| 7 | 3,081 | --- | --- | 2,740 | 161 | 180 | 2,840 | --- | --- | 2,724 | 85 | 31 |
| 6 | 17,686 | 14,794 | --- | 2,579 | 178 | 135 | 17,562 | 14,778 | --- | 2,580 | 148 | 56 |
| 5 | 1,202 | 76 | --- | 836 | 177 | 113 | 1,292 | 28 | --- | 906 | 269 | 89 |
| 4 | 586 | --- | --- | 115 | 365 | 106 | 609 | 1 | --- | 58 | 356 | 194 |
| 3 | 8,931 | 6,552 | --- | 40 | 1,848 | 491 | 8,010 | 6,552 | --- | 41 | 962 | 455 |
| 2 | 2,149 | --- | --- | --- | 1,843 | 306 | 2,056 | --- | --- | --- | 1,678 | 378 |
| 1 | 193 | 193 | --- | --- | --- | --- | 92 | 92 | --- | --- | --- | --- |
| Total trips: | | | | | | | | | | | 91,572 | |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR

Upbound

Downbound

Grand Total 37,656 10,511 192 16,730 7,884 2,339 37,614 10,497 200 16,711 7,869 2,337

FOREIGN

| | | | | | | | | | | | | |
|-------|-------|-------|-----|-----|-----|-----|-------|-------|-----|-----|-----|-----|
| Total | 2,093 | 1,811 | 56 | 112 | 95 | 19 | 2,054 | 1,797 | 65 | 94 | 81 | 17 |
| 40 | 2 | 2 | --- | --- | --- | --- | 40 | 37 | 3 | --- | --- | --- |
| 39 | 1 | 1 | --- | --- | --- | --- | 32 | 32 | --- | --- | --- | --- |
| 38 | 5 | 3 | 2 | --- | --- | --- | 60 | 60 | --- | --- | --- | --- |
| 37 | 5 | 3 | 2 | --- | --- | --- | 68 | 67 | 1 | --- | --- | --- |
| 36 | 17 | 13 | 4 | --- | --- | --- | 117 | 117 | --- | --- | --- | --- |
| 35 | 24 | 22 | 2 | --- | --- | --- | 83 | 81 | 2 | --- | --- | --- |
| 34 | 40 | 39 | 1 | --- | --- | --- | 166 | 166 | --- | --- | --- | --- |
| 33 | 46 | 46 | --- | --- | --- | --- | 162 | 160 | 2 | --- | --- | --- |
| 32 | 50 | 49 | 1 | --- | --- | --- | 137 | 133 | 4 | --- | --- | --- |
| 31 | 47 | 45 | 2 | --- | --- | --- | 43 | 43 | --- | --- | --- | --- |
| 30 | 63 | 62 | 1 | --- | --- | --- | 77 | 76 | 1 | --- | --- | --- |
| 29 | 100 | 95 | 5 | --- | --- | --- | 68 | 66 | 2 | --- | --- | --- |
| 28 | 105 | 99 | 6 | --- | --- | --- | 92 | 89 | 3 | --- | --- | --- |
| 27 | 107 | 101 | 6 | --- | --- | --- | 83 | 80 | 3 | --- | --- | --- |
| 26 | 109 | 108 | 1 | --- | --- | --- | 103 | 98 | 5 | --- | --- | --- |
| 25 | 118 | 112 | 6 | --- | --- | --- | 98 | 93 | 5 | --- | --- | --- |
| 24 | 145 | 142 | 2 | 1 | --- | --- | 110 | 105 | 5 | --- | --- | --- |
| 23 | 120 | 117 | 3 | --- | --- | --- | 67 | 63 | 4 | --- | --- | --- |
| 22 | 141 | 141 | --- | --- | --- | --- | 68 | 64 | 4 | --- | --- | --- |
| 21 | 137 | 135 | 2 | --- | --- | --- | 51 | 48 | 3 | --- | --- | --- |
| 20 | 181 | 137 | 1 | --- | 41 | 2 | 56 | 36 | 3 | 2 | 15 | --- |
| 19 | 146 | 141 | 2 | 3 | --- | --- | 30 | 25 | 2 | 3 | --- | --- |
| ≤ 18 | 384 | 198 | 7 | 108 | 54 | 17 | 243 | 58 | 13 | 89 | 66 | 17 |

DOMESTIC

| | | | | | | | | | | | | |
|-------|--------|-------|-----|--------|-------|-------|--------|-------|-----|--------|-------|-------|
| Total | 35,563 | 8,700 | 136 | 16,618 | 7,789 | 2,320 | 35,560 | 8,700 | 135 | 16,617 | 7,788 | 2,320 |
| 38 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 37 | 2 | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 36 | 5 | --- | 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 35 | 12 | --- | 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 34 | 12 | --- | 12 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 33 | 5 | --- | 5 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 32 | 7 | --- | 7 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 31 | 10 | --- | 10 | --- | --- | --- | 10 | --- | 10 | --- | --- | --- |
| 30 | 11 | --- | 11 | --- | --- | --- | 9 | 1 | 8 | --- | --- | --- |
| 29 | 14 | --- | 14 | --- | --- | --- | 8 | 1 | 7 | --- | --- | --- |
| 28 | 7 | --- | 7 | --- | --- | --- | 6 | 1 | 5 | --- | --- | --- |
| 27 | 10 | 2 | 8 | --- | --- | --- | 11 | 2 | 9 | --- | --- | --- |
| 26 | 14 | 2 | 12 | --- | --- | --- | 14 | 4 | 10 | --- | --- | --- |
| 25 | 8 | 1 | 7 | --- | --- | --- | 18 | 2 | 16 | --- | --- | --- |
| 24 | 11 | 1 | 10 | --- | --- | --- | 9 | --- | 9 | --- | --- | --- |
| 23 | 3 | --- | 3 | --- | --- | --- | 9 | --- | 9 | --- | --- | --- |
| 22 | 1 | --- | 1 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 21 | 5 | --- | 1 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 20 | 17 | --- | 1 | 4 | 9 | 3 | 23 | --- | 18 | 4 | --- | 1 |
| 19 | 8 | --- | 1 | --- | 2 | 5 | 5 | --- | --- | --- | --- | 5 |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA AND PORTLAND, OR -
continued

Upbound

Downbound

DOMESTIC

| | | | | | | | | | | | | |
|------|--------|-------|---|--------|-------|-------|--------|-------|----|---------------------|-------|---------------|
| ≤ 18 | 35,400 | 8,694 | 6 | 16,614 | 7,778 | 2,308 | 35,430 | 8,689 | 26 | 16,613 | 7,788 | 2,314 |
| | | | | | | | | | | Total trips: | | 75,270 |

PORT OF ASTORIA, OR

Inbound

Outbound

| | | | | | | | | | | | | |
|--------------------|--------------|------------|----------|--------------|------------|-----------|--------------|------------|----------|--------------|------------|-----------|
| Grand Total | 1,715 | 200 | 4 | 1,333 | 111 | 67 | 1,679 | 208 | 3 | 1,313 | 107 | 48 |
|--------------------|--------------|------------|----------|--------------|------------|-----------|--------------|------------|----------|--------------|------------|-----------|

FOREIGN

| | | | | | | | | | | | | |
|--------------|------------|------------|----------|-----------|-----------|------------|------------|------------|------------|-----------|-----------|----------|
| Total | 282 | 178 | 1 | 77 | 26 | --- | 274 | 184 | --- | 67 | 22 | 1 |
| 40 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 39 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 38 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 35 | 1 | --- | 1 | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 34 | --- | --- | --- | --- | --- | --- | 7 | 7 | --- | --- | --- | --- |
| 33 | 1 | 1 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 32 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 31 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 29 | 6 | 6 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 28 | 2 | 2 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 27 | 3 | 3 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 26 | 5 | 5 | --- | --- | --- | --- | 5 | 5 | --- | --- | --- | --- |
| 25 | 8 | 8 | --- | --- | --- | --- | 9 | 9 | --- | --- | --- | --- |
| 24 | 15 | 15 | --- | --- | --- | --- | 15 | 15 | --- | --- | --- | --- |
| 23 | 12 | 12 | --- | --- | --- | --- | 12 | 12 | --- | --- | --- | --- |
| 22 | 19 | 19 | --- | --- | --- | --- | 19 | 19 | --- | --- | --- | --- |
| 21 | 35 | 35 | --- | --- | --- | --- | 20 | 20 | --- | --- | --- | --- |
| 20 | 20 | 20 | --- | --- | --- | --- | 22 | 21 | --- | --- | 1 | --- |
| 19 | 15 | 12 | --- | 3 | --- | --- | 17 | 14 | --- | 3 | --- | --- |
| ≤ 18 | 137 | 37 | --- | 74 | 26 | --- | 134 | 48 | --- | 64 | 21 | 1 |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|--------------|-----------|----------|--------------|-----------|-----------|--------------|-----------|----------|---------------------|-----------|--------------|
| Total | 1,433 | 22 | 3 | 1,256 | 85 | 67 | 1,405 | 24 | 3 | 1,246 | 85 | 47 |
| 34 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 33 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 29 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 27 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 26 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 20 | 1 | --- | --- | 1 | --- | --- | 1 | --- | --- | 1 | --- | --- |
| 19 | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | 1 |
| ≤ 18 | 1,429 | 22 | --- | 1,255 | 85 | 67 | 1,401 | 24 | 1 | 1,245 | 85 | 46 |
| | | | | | | | | | | Total trips: | | 3,394 |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

PORTS OTHER THAN PORTLAND, ASTORIA, ST. HELENS, LONGVIEW, VANCOUVER AND KALAMA

| Inbound | | | | | | | Outbound | | | | | |
|-------------|-------|-----|-------|-------|-------|----|----------|-----|-------|-------|-------|----|
| Grand Total | 5,336 | 119 | ----- | 3,699 | 1,502 | 16 | 5,338 | 123 | ----- | 3,699 | 1,496 | 20 |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|-------|-----|-------|-------|-------|----|-------|-----|-------|-------|--------|----|
| Total | 5,336 | 119 | ----- | 3,699 | 1,502 | 16 | 5,338 | 123 | ----- | 3,699 | 1,496 | 20 |
| ≤ 18 | 5,336 | 119 | ----- | 3,699 | 1,502 | 16 | 5,338 | 123 | ----- | 3,699 | 1,496 | 20 |
| Total trips: | | | | | | | | | | | 10,674 | |

PORT OF LONGVIEW, WA

| Inbound | | | | | | | Outbound | | | | | |
|-------------|-------|-----|---|-------|-----|-----|----------|-----|---|-------|-----|-----|
| Grand Total | 3,974 | 417 | 2 | 2,917 | 458 | 180 | 3,922 | 362 | 3 | 2,918 | 464 | 175 |

FOREIGN

| | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Total | 384 | 363 | 2 | 9 | 4 | 6 | 333 | 309 | 3 | 9 | 12 | ----- |
| 38 | ----- | ----- | ----- | ----- | ----- | ----- | 2 | 2 | ----- | ----- | ----- | ----- |
| 37 | 1 | 1 | ----- | ----- | ----- | ----- | 1 | 1 | ----- | ----- | ----- | ----- |
| 36 | 5 | 5 | ----- | ----- | ----- | ----- | 9 | 9 | ----- | ----- | ----- | ----- |
| 35 | 1 | 1 | ----- | ----- | ----- | ----- | 14 | 14 | ----- | ----- | ----- | ----- |
| 34 | 1 | 1 | ----- | ----- | ----- | ----- | 44 | 44 | ----- | ----- | ----- | ----- |
| 33 | 4 | 4 | ----- | ----- | ----- | ----- | 41 | 41 | ----- | ----- | ----- | ----- |
| 32 | 5 | 5 | ----- | ----- | ----- | ----- | 39 | 39 | ----- | ----- | ----- | ----- |
| 31 | 5 | 5 | ----- | ----- | ----- | ----- | 10 | 10 | ----- | ----- | ----- | ----- |
| 30 | 8 | 8 | ----- | ----- | ----- | ----- | 14 | 14 | ----- | ----- | ----- | ----- |
| 29 | 18 | 18 | ----- | ----- | ----- | ----- | 12 | 12 | ----- | ----- | ----- | ----- |
| 28 | 18 | 18 | ----- | ----- | ----- | ----- | 15 | 15 | ----- | ----- | ----- | ----- |
| 27 | 16 | 16 | ----- | ----- | ----- | ----- | 16 | 16 | ----- | ----- | ----- | ----- |
| 26 | 18 | 18 | ----- | ----- | ----- | ----- | 8 | 8 | ----- | ----- | ----- | ----- |
| 25 | 15 | 15 | ----- | ----- | ----- | ----- | 13 | 13 | ----- | ----- | ----- | ----- |
| 24 | 22 | 22 | ----- | ----- | ----- | ----- | 16 | 16 | ----- | ----- | ----- | ----- |
| 23 | 24 | 23 | 1 | ----- | ----- | ----- | 16 | 16 | ----- | ----- | ----- | ----- |
| 22 | 26 | 26 | ----- | ----- | ----- | ----- | 10 | 10 | ----- | ----- | ----- | ----- |
| 21 | 29 | 29 | ----- | ----- | ----- | ----- | 8 | 7 | 1 | ----- | ----- | ----- |
| 20 | 44 | 44 | ----- | ----- | ----- | ----- | 5 | 5 | ----- | ----- | ----- | ----- |
| 19 | 43 | 43 | ----- | ----- | ----- | ----- | 8 | 8 | ----- | ----- | ----- | ----- |
| 18 | 42 | 41 | 1 | ----- | ----- | ----- | 10 | 7 | 2 | ----- | 1 | ----- |
| 17 | 11 | 10 | ----- | 1 | ----- | ----- | 1 | 1 | ----- | ----- | ----- | ----- |
| 16 | 5 | 4 | ----- | 1 | ----- | ----- | 1 | 1 | ----- | ----- | ----- | ----- |
| 15 | 5 | 2 | ----- | 3 | ----- | ----- | 1 | ----- | ----- | ----- | 1 | ----- |
| 14 | 3 | 1 | ----- | ----- | 1 | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 13 | 5 | 2 | ----- | 2 | ----- | 1 | ----- | ----- | ----- | ----- | ----- | ----- |
| ≤ 12 | 10 | 1 | ----- | 2 | 3 | 4 | 19 | ----- | ----- | 9 | 10 | ----- |

DOMESTIC

| | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Total | 3,590 | 54 | ----- | 2,908 | 454 | 174 | 3,589 | 53 | ----- | 2,909 | 452 | 175 |
| 30 | ----- | ----- | ----- | ----- | ----- | ----- | 1 | 1 | ----- | ----- | ----- | ----- |
| 25 | 1 | 1 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

PORT OF LONGVIEW, WA - continued
Inbound

Outbound

DOMESTIC

| | | | | | | | | | | | | |
|------|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|--------------|-------|
| 18 | 7 | --- | --- | --- | --- | 7 | 7 | --- | --- | --- | --- | 7 |
| 17 | 5 | --- | --- | --- | 3 | 2 | 6 | --- | --- | --- | --- | 6 |
| 16 | 21 | --- | --- | 4 | 10 | 7 | 10 | --- | --- | 10 | --- | --- |
| 15 | 21 | --- | --- | 15 | --- | 6 | 28 | --- | --- | 14 | 6 | 8 |
| 14 | 34 | --- | --- | 14 | 20 | --- | 15 | --- | --- | 11 | 4 | --- |
| 13 | 131 | --- | --- | 101 | 29 | 1 | 111 | --- | --- | 106 | 5 | --- |
| ≤ 12 | 3,370 | 53 | --- | 2,774 | 392 | 151 | 3,411 | 52 | --- | 2,768 | 437 | 154 |
| | | | | | | | | | | | Total trips: | 7,896 |

PORT OF KALAMA, WA

Inbound

Outbound

| | | | | | | | | | | | | |
|-------------|-------|----|---|-------|-----|-----|-------|-----|---|-------|-----|-----|
| Grand Total | 1,608 | 28 | 7 | 1,254 | 191 | 128 | 1,624 | 139 | 8 | 1,226 | 127 | 124 |
|-------------|-------|----|---|-------|-----|-----|-------|-----|---|-------|-----|-----|

FOREIGN

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Total | 59 | 23 | 4 | --- | 32 | --- | 145 | 138 | 6 | --- | 1 | --- |
| 40 | --- | --- | --- | --- | --- | --- | 13 | 11 | 2 | --- | --- | --- |
| 39 | --- | --- | --- | --- | --- | --- | 8 | 8 | --- | --- | --- | --- |
| 38 | --- | --- | --- | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| 37 | --- | --- | --- | --- | --- | --- | 12 | 12 | --- | --- | --- | --- |
| 36 | 1 | 1 | --- | --- | --- | --- | 16 | 16 | --- | --- | --- | --- |
| 35 | --- | --- | --- | --- | --- | --- | 8 | 8 | --- | --- | --- | --- |
| 34 | --- | --- | --- | --- | --- | --- | 13 | 13 | --- | --- | --- | --- |
| 33 | --- | --- | --- | --- | --- | --- | 12 | 12 | --- | --- | --- | --- |
| 32 | --- | --- | --- | --- | --- | --- | 12 | 12 | --- | --- | --- | --- |
| 31 | --- | --- | --- | --- | --- | --- | 4 | 4 | --- | --- | --- | --- |
| 30 | 1 | 1 | --- | --- | --- | --- | 4 | 4 | --- | --- | --- | --- |
| 29 | --- | --- | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 28 | --- | --- | --- | --- | --- | --- | 7 | 6 | 1 | --- | --- | --- |
| 27 | --- | --- | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 26 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 25 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 24 | 2 | 1 | 1 | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 23 | 5 | 5 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 22 | 2 | 2 | --- | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| 21 | 7 | 6 | 1 | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 20 | 1 | 1 | --- | --- | --- | --- | 3 | 2 | 1 | --- | --- | --- |
| 19 | 5 | 4 | 1 | --- | --- | --- | 3 | 2 | 1 | --- | --- | --- |
| ≤ 18 | 34 | 2 | --- | --- | 32 | --- | 9 | 7 | 1 | --- | 1 | --- |

DOMESTIC

| | | | | | | | | | | | | |
|-------|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|
| Total | 1,549 | 5 | 3 | 1,254 | 159 | 128 | 1,479 | 1 | 2 | 1,226 | 126 | 124 |
| 28 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 | 1 | --- | 1 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 21 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 19 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

PORT OF KALAMA, WA - continued

Inbound

Outbound

DOMESTIC

| | | | | | | | | | | | | |
|------|-------|---|------|-------|-----|-----|-------|---|------|-------|--------------|-------|
| ≤ 18 | 1,546 | 5 | ---- | 1,254 | 159 | 128 | 1,477 | 1 | ---- | 1,226 | 126 | 124 |
| | | | | | | | | | | | Total trips: | 3,232 |

MULTNOMAH CHANNEL, OR

Upbound

Downbound

| | | | | | | | | | | | | |
|-------------|-------|-----|------|-------|-----|------|-------|-----|------|-------|-----|---|
| Grand Total | 2,252 | 154 | ---- | 1,508 | 590 | ---- | 2,251 | 155 | ---- | 1,500 | 590 | 6 |
|-------------|-------|-----|------|-------|-----|------|-------|-----|------|-------|-----|---|

DOMESTIC

| | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|-------|
| Total | 2,252 | 154 | ---- | 1,508 | 590 | ---- | 2,251 | 155 | ---- | 1,500 | 590 | 6 |
| 14 | ----- | ----- | ----- | ----- | ----- | ----- | 5 | ----- | ----- | 5 | ----- | ----- |
| 13 | ----- | ----- | ----- | ----- | ----- | ----- | 225 | ----- | ----- | 225 | ----- | ----- |
| 12 | 29 | ----- | ----- | ----- | 29 | ----- | 2 | ----- | ----- | ----- | ----- | 2 |
| 11 | 26 | ----- | ----- | 3 | 23 | ----- | 6 | ----- | ----- | 6 | ----- | ----- |
| 10 | 6 | ----- | ----- | 6 | ----- | ----- | 62 | ----- | ----- | 14 | 48 | ----- |
| 9 | 180 | ----- | ----- | 10 | 170 | ----- | 184 | ----- | ----- | 14 | 170 | ----- |
| 8 | 144 | ----- | ----- | 93 | 51 | ----- | 443 | ----- | ----- | 391 | 52 | ----- |
| 7 | 132 | ----- | ----- | 117 | 15 | ----- | 123 | ----- | ----- | 108 | 15 | ----- |
| 6 | 121 | ----- | ----- | 120 | 1 | ----- | 128 | ----- | ----- | 124 | 3 | 1 |
| 5 | 1,151 | ----- | ----- | 1,149 | 2 | ----- | 503 | ----- | ----- | 501 | 2 | ----- |
| 4 | 78 | ----- | ----- | 9 | 69 | ----- | 178 | ----- | ----- | 109 | 69 | ----- |
| 3 | 179 | 152 | ----- | 1 | 26 | ----- | 181 | 152 | ----- | 3 | 26 | ----- |
| 2 | 204 | ----- | ----- | ----- | 204 | ----- | 208 | ----- | ----- | ----- | 205 | 3 |
| 1 | 2 | 2 | ----- | ----- | ----- | ----- | 3 | 3 | ----- | ----- | ----- | ----- |
| | | | | | | | | | | | Total trips: | 4,503 |

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR

Upbound

Downbound

| | | | | | | | | | | | | |
|-------------|-------|-----|------|-------|-------|----|-------|-----|------|-------|-------|----|
| Grand Total | 2,937 | 615 | ---- | 1,262 | 1,017 | 43 | 2,982 | 638 | ---- | 1,289 | 1,019 | 36 |
|-------------|-------|-----|------|-------|-------|----|-------|-----|------|-------|-------|----|

FOREIGN

| | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-----|-----|-------|-------|-------|-------|
| Total | 419 | 419 | ---- | ----- | ----- | ----- | 440 | 438 | ---- | 1 | 1 | ----- |
| 40 | ----- | ----- | ----- | ----- | ----- | ----- | 5 | 5 | ----- | ----- | ----- | ----- |
| 39 | 1 | 1 | ----- | ----- | ----- | ----- | 7 | 7 | ----- | ----- | ----- | ----- |
| 38 | 1 | 1 | ----- | ----- | ----- | ----- | 9 | 9 | ----- | ----- | ----- | ----- |
| 37 | 1 | 1 | ----- | ----- | ----- | ----- | 10 | 10 | ----- | ----- | ----- | ----- |
| 36 | 3 | 3 | ----- | ----- | ----- | ----- | 26 | 26 | ----- | ----- | ----- | ----- |
| 35 | 10 | 10 | ----- | ----- | ----- | ----- | 16 | 16 | ----- | ----- | ----- | ----- |
| 34 | 27 | 27 | ----- | ----- | ----- | ----- | 42 | 42 | ----- | ----- | ----- | ----- |
| 33 | 30 | 30 | ----- | ----- | ----- | ----- | 40 | 40 | ----- | ----- | ----- | ----- |
| 32 | 26 | 26 | ----- | ----- | ----- | ----- | 39 | 39 | ----- | ----- | ----- | ----- |
| 31 | 29 | 29 | ----- | ----- | ----- | ----- | 13 | 13 | ----- | ----- | ----- | ----- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

OREGON SLOUGH (NORTH PORTLAND HARBOR), OR - continued

Upbound

Downbound

FOREIGN

| | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 30 | 28 | 28 | --- | --- | --- | --- | 23 | 23 | --- | --- | --- | --- |
| 29 | 28 | 28 | --- | --- | --- | --- | 17 | 17 | --- | --- | --- | --- |
| 28 | 33 | 33 | --- | --- | --- | --- | 20 | 20 | --- | --- | --- | --- |
| 27 | 30 | 30 | --- | --- | --- | --- | 22 | 22 | --- | --- | --- | --- |
| 26 | 36 | 36 | --- | --- | --- | --- | 35 | 35 | --- | --- | --- | --- |
| 25 | 45 | 45 | --- | --- | --- | --- | 31 | 31 | --- | --- | --- | --- |
| 24 | 42 | 42 | --- | --- | --- | --- | 37 | 37 | --- | --- | --- | --- |
| 23 | 22 | 22 | --- | --- | --- | --- | 20 | 20 | --- | --- | --- | --- |
| 22 | 18 | 18 | --- | --- | --- | --- | 16 | 16 | --- | --- | --- | --- |
| 21 | 4 | 4 | --- | --- | --- | --- | 8 | 8 | --- | --- | --- | --- |
| 20 | 1 | 1 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 19 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 17 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | 1 | --- |
| 10 | --- | --- | --- | --- | --- | --- | 1 | --- | --- | 1 | --- | --- |
| 8 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|-------|-----|-----|-------|-------|-----|-------|-----|-----|-------|-------|-----|
| Total | 2,518 | 196 | --- | 1,262 | 1,017 | 43 | 2,542 | 200 | --- | 1,288 | 1,018 | 36 |
| 15 | 1 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- | 1 | --- |
| 14 | 140 | --- | --- | 119 | 21 | --- | 133 | --- | --- | 111 | 22 | --- |
| 13 | 2 | --- | --- | --- | --- | 2 | 7 | --- | --- | --- | 7 | --- |
| 12 | 4 | --- | --- | --- | 2 | 2 | 61 | --- | --- | 1 | 60 | --- |
| 11 | 199 | 34 | --- | 165 | --- | --- | 196 | 34 | --- | 159 | 3 | --- |
| 10 | 557 | --- | --- | 541 | 16 | --- | 685 | --- | --- | 543 | 142 | --- |
| 9 | 182 | --- | --- | 100 | 79 | 3 | 203 | --- | --- | 124 | 79 | --- |
| 8 | 115 | 22 | --- | 84 | 8 | 1 | 98 | 26 | --- | 70 | 2 | --- |
| 7 | 78 | --- | --- | 53 | 24 | 1 | 75 | --- | --- | 60 | 11 | 4 |
| 6 | 327 | 140 | --- | 148 | 36 | 3 | 303 | 140 | --- | 154 | 9 | --- |
| 5 | 87 | --- | --- | 47 | 31 | 9 | 87 | --- | --- | 61 | 24 | 2 |
| 4 | 74 | --- | --- | 5 | 65 | 4 | 53 | --- | --- | 5 | 46 | 2 |
| 3 | 627 | --- | --- | --- | 623 | 4 | 469 | --- | --- | --- | 469 | --- |
| 2 | 125 | --- | --- | --- | 111 | 14 | 171 | --- | --- | --- | 143 | 28 |
| Total trips: | | | | | | | | | | | 5,919 | --- |

PORT OF VANCOUVER, WA

Inbound

Outbound

| | | | | | | | | | | | | |
|-------------|-------|-----|---|-------|-----|-----|-------|-----|---|-------|-----|-----|
| Grand Total | 3,703 | 235 | 9 | 2,953 | 265 | 241 | 3,721 | 244 | 9 | 2,962 | 266 | 240 |
|-------------|-------|-----|---|-------|-----|-----|-------|-----|---|-------|-----|-----|

FOREIGN

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Total | 222 | 211 | 8 | --- | 3 | --- | 225 | 212 | 8 | 1 | 4 | --- |
| 40 | --- | --- | --- | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| 39 | --- | --- | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 38 | --- | --- | --- | --- | --- | --- | 13 | 13 | --- | --- | --- | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

PORT OF VANCOUVER, WA - continued
Inbound

Outbound

FOREIGN

| | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|
| 37 | --- | --- | --- | --- | --- | --- | 13 | 13 | --- | --- | --- | --- |
| 36 | --- | --- | --- | --- | --- | --- | 24 | 24 | --- | --- | --- | --- |
| 35 | 4 | 4 | --- | --- | --- | --- | 12 | 12 | --- | --- | --- | --- |
| 34 | 1 | 1 | --- | --- | --- | --- | 13 | 13 | --- | --- | --- | --- |
| 33 | 3 | 3 | --- | --- | --- | --- | 14 | 14 | --- | --- | --- | --- |
| 32 | 6 | 5 | 1 | --- | --- | --- | 12 | 12 | --- | --- | --- | --- |
| 31 | 2 | 2 | --- | --- | --- | --- | 4 | 4 | --- | --- | --- | --- |
| 30 | 6 | 6 | --- | --- | --- | --- | 4 | 4 | --- | --- | --- | --- |
| 29 | 18 | 18 | --- | --- | --- | --- | 14 | 13 | 1 | --- | --- | --- |
| 28 | 14 | 12 | 2 | --- | --- | --- | 11 | 10 | 1 | --- | --- | --- |
| 27 | 15 | 13 | 2 | --- | --- | --- | 11 | 10 | 1 | --- | --- | --- |
| 26 | 10 | 10 | --- | --- | --- | --- | 14 | 14 | --- | --- | --- | --- |
| 25 | 9 | 8 | 1 | --- | --- | --- | 11 | 10 | 1 | --- | --- | --- |
| 24 | 10 | 10 | --- | --- | --- | --- | 8 | 7 | 1 | --- | --- | --- |
| 23 | 12 | 12 | --- | --- | --- | --- | 4 | 3 | 1 | --- | --- | --- |
| 22 | 12 | 12 | --- | --- | --- | --- | 7 | 7 | --- | --- | --- | --- |
| 21 | 27 | 26 | 1 | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| 20 | 15 | 14 | 1 | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| 19 | 24 | 24 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| ≤ 18 | 34 | 31 | --- | --- | 3 | --- | 14 | 7 | 2 | 1 | 4 | --- |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-------|-----|
| Total | 3,481 | 24 | 1 | 2,953 | 262 | 241 | 3,496 | 32 | 1 | 2,961 | 262 | 240 |
| 34 | 1 | --- | 1 | --- | --- | --- | --- | 1 | --- | --- | --- | --- |
| 28 | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- |
| 27 | 2 | 2 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 26 | 2 | 2 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 25 | 1 | 1 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 24 | 1 | 1 | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| ≤ 18 | 3,474 | 18 | --- | 2,953 | 262 | 241 | 3,488 | 25 | --- | 2,961 | 262 | 240 |
| Total trips: | | | | | | | | | | | 7,424 | --- |

COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR
Upbound

Downbound

| | | | | | | | | | | | | |
|-------------|-------|-----|-----|-------|-------|-------|-------|-----|-----|-------|-------|-------|
| Grand Total | 7,646 | 774 | --- | 1,918 | 3,660 | 1,294 | 7,684 | 809 | --- | 1,919 | 3,661 | 1,295 |
|-------------|-------|-----|-----|-------|-------|-------|-------|-----|-----|-------|-------|-------|

DOMESTIC

| | | | | | | | | | | | | |
|-------|-------|-----|-----|-------|-------|-------|-------|-----|-----|-------|-------|-------|
| Total | 7,646 | 774 | --- | 1,918 | 3,660 | 1,294 | 7,684 | 809 | --- | 1,919 | 3,661 | 1,295 |
| 17 | --- | --- | --- | --- | --- | --- | 3 | --- | --- | --- | 3 | --- |
| 16 | --- | --- | --- | --- | --- | --- | 171 | --- | --- | --- | 171 | --- |
| 15 | 2 | --- | --- | --- | 2 | --- | 93 | --- | --- | --- | 93 | --- |
| 14 | 31 | --- | --- | 3 | 28 | --- | 372 | --- | 1 | 147 | 224 | --- |
| 13 | 307 | --- | --- | --- | 200 | 107 | 573 | --- | --- | 301 | 272 | --- |
| 12 | 249 | --- | --- | 76 | 77 | 96 | 642 | 97 | 66 | 268 | 211 | --- |
| 11 | 226 | --- | --- | 126 | 11 | 89 | 264 | --- | 93 | 142 | 29 | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR - continued

Upbound

Downbound

DOMESTIC

| | | | | | | | | | | | | |
|-----|-------|-----|-----|-----|-------|-----|-------|-----|-----|-----|---------------------|---------------|
| 10 | 598 | 12 | --- | 300 | 200 | 86 | 657 | 12 | --- | 297 | 308 | 40 |
| 9 | 533 | --- | --- | 199 | 227 | 107 | 386 | --- | --- | 187 | 180 | 19 |
| 8 | 586 | 47 | --- | 355 | 39 | 145 | 573 | 37 | --- | 378 | 152 | 6 |
| 7 | 560 | --- | --- | 313 | 112 | 135 | 378 | --- | --- | 308 | 65 | 5 |
| ≤ 6 | 4,554 | 715 | --- | 546 | 2,764 | 529 | 3,572 | 663 | --- | 589 | 1,831 | 489 |
| | | | | | | | | | | | Total trips: | 15,330 |

COLUMBIA RIVER ABOVE THE DALLES DAM, WA AND OR TO McNARY LOCK AND DAM, OR AND WA

Upbound

Downbound

Grand

| | | | | | | | | | | | | |
|--------------|--------------|-----------|------------|------------|--------------|--------------|--------------|-----------|------------|------------|--------------|--------------|
| Total | 4,428 | 43 | --- | 882 | 2,232 | 1,271 | 4,459 | 41 | --- | 914 | 2,232 | 1,272 |
|--------------|--------------|-----------|------------|------------|--------------|--------------|--------------|-----------|------------|------------|--------------|--------------|

DOMESTIC

| | | | | | | | | | | | | |
|--------------|--------------|-----------|------------|------------|--------------|--------------|--------------|-----------|------------|------------|---------------------|--------------|
| Total | 4,428 | 43 | --- | 882 | 2,232 | 1,271 | 4,459 | 41 | --- | 914 | 2,232 | 1,272 |
| 17 | --- | --- | --- | --- | --- | --- | 3 | --- | --- | --- | 3 | --- |
| 16 | --- | --- | --- | --- | --- | --- | 166 | --- | --- | --- | 166 | --- |
| 15 | 1 | --- | --- | --- | 1 | --- | 91 | --- | --- | --- | 91 | --- |
| 14 | 24 | --- | --- | --- | 24 | --- | 362 | --- | --- | --- | 141 | 221 |
| 13 | 232 | --- | --- | --- | 116 | 116 | 633 | --- | --- | --- | 375 | 258 |
| 12 | 279 | --- | --- | 31 | 154 | 94 | 396 | --- | --- | 32 | 155 | 209 |
| 11 | 192 | --- | --- | 102 | 4 | 86 | 207 | --- | --- | 68 | 111 | 28 |
| 10 | 541 | 12 | --- | 277 | 168 | 84 | 537 | 12 | --- | 301 | 188 | 36 |
| 9 | 360 | --- | --- | 87 | 168 | 105 | 224 | --- | --- | 87 | 121 | 16 |
| 8 | 422 | 31 | --- | 246 | 7 | 138 | 379 | 29 | --- | 283 | 61 | 6 |
| 7 | 255 | --- | --- | 93 | 27 | 135 | 122 | --- | --- | 85 | 32 | 5 |
| 6 | 126 | --- | --- | 43 | 11 | 72 | 95 | --- | --- | 56 | 37 | 2 |
| 5 | 80 | --- | --- | 3 | 30 | 47 | 61 | --- | --- | 2 | 26 | 33 |
| 4 | 72 | --- | --- | --- | 47 | 25 | 169 | --- | --- | --- | 60 | 109 |
| 3 | 1,368 | --- | --- | --- | 1,077 | 291 | 822 | --- | --- | --- | 552 | 270 |
| 2 | 476 | --- | --- | --- | 398 | 78 | 192 | --- | --- | --- | 113 | 79 |
| | | | | | | | | | | | Total trips: | 8,887 |

PORT OF PORTLAND, OR

Inbound

Outbound

Grand

| | | | | | | | | | | | | |
|--------------|---------------|--------------|------------|--------------|--------------|--------------|---------------|--------------|------------|--------------|--------------|--------------|
| Total | 20,441 | 3,011 | 180 | 9,035 | 6,224 | 1,991 | 20,421 | 3,015 | 169 | 9,014 | 6,230 | 1,993 |
|--------------|---------------|--------------|------------|--------------|--------------|--------------|---------------|--------------|------------|--------------|--------------|--------------|

FOREIGN

| | | | | | | | | | | | | |
|--------------|--------------|--------------|-----------|-----------|-----------|-----------|--------------|--------------|-----------|-----------|-----------|-----------|
| Total | 1,125 | 1,010 | 41 | 12 | 49 | 13 | 1,150 | 1,011 | 48 | 20 | 55 | 16 |
| 40 | 1 | 1 | --- | --- | --- | --- | 20 | 19 | 1 | --- | --- | --- |
| 39 | 1 | 1 | --- | --- | --- | --- | 21 | 21 | --- | --- | --- | --- |
| 38 | 4 | 2 | 2 | --- | --- | --- | 39 | 39 | --- | --- | --- | --- |
| 37 | 4 | 2 | 2 | --- | --- | --- | 42 | 41 | 1 | --- | --- | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

PORT OF PORTLAND, OR - continued
Inbound

Outbound

FOREIGN

| | | | | | | | | | | | | |
|------|----|----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|
| 36 | 28 | 24 | 4 | --- | --- | --- | 51 | 51 | --- | --- | --- | --- |
| 35 | 18 | 17 | 1 | --- | --- | --- | 46 | 44 | 2 | --- | --- | --- |
| 34 | 64 | 63 | 1 | --- | --- | --- | 63 | 63 | --- | --- | --- | --- |
| 33 | 64 | 64 | --- | --- | --- | --- | 66 | 64 | 2 | --- | --- | --- |
| 32 | 38 | 38 | --- | --- | --- | --- | 73 | 69 | 4 | --- | --- | --- |
| 31 | 40 | 38 | 2 | --- | --- | --- | 24 | 24 | --- | --- | --- | --- |
| 30 | 48 | 47 | 1 | --- | --- | --- | 55 | 54 | 1 | --- | --- | --- |
| 29 | 58 | 53 | 5 | --- | --- | --- | 39 | 38 | 1 | --- | --- | --- |
| 28 | 71 | 67 | 4 | --- | --- | --- | 58 | 57 | 1 | --- | --- | --- |
| 27 | 73 | 69 | 4 | --- | --- | --- | 52 | 50 | 2 | --- | --- | --- |
| 26 | 73 | 73 | --- | --- | --- | --- | 78 | 73 | 5 | --- | --- | --- |
| 25 | 83 | 78 | 5 | --- | --- | --- | 67 | 63 | 4 | --- | --- | --- |
| 24 | 83 | 81 | 1 | 1 | --- | --- | 83 | 79 | 4 | --- | --- | --- |
| 23 | 57 | 55 | 2 | --- | --- | --- | 43 | 40 | 3 | --- | --- | --- |
| 22 | 68 | 68 | --- | --- | --- | --- | 40 | 36 | 4 | --- | --- | --- |
| 21 | 39 | 39 | --- | --- | --- | --- | 32 | 30 | 2 | --- | --- | --- |
| 20 | 83 | 40 | --- | --- | 41 | 2 | 38 | 20 | 2 | 2 | 14 | --- |
| 19 | 46 | 45 | 1 | --- | --- | --- | 13 | 12 | 1 | --- | --- | --- |
| ≤ 18 | 81 | 45 | 6 | 11 | 8 | 11 | 107 | 24 | 8 | 18 | 41 | 16 |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|--------|-------|-----|-------|-------|-------|--------|-------|-----|-------|--------|-------|
| Total | 19,316 | 2,001 | 139 | 9,023 | 6,175 | 1,978 | 19,271 | 2,004 | 121 | 8,994 | 6,175 | 1,977 |
| 38 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 37 | 2 | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 36 | 5 | --- | 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 35 | 12 | --- | 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 34 | 11 | --- | 11 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 33 | 4 | --- | 4 | --- | --- | --- | 4 | --- | 4 | --- | --- | --- |
| 32 | 7 | --- | 7 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 31 | 21 | --- | 21 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 30 | 14 | --- | 14 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 29 | 13 | --- | 13 | --- | --- | --- | 10 | 3 | 7 | --- | --- | --- |
| 28 | 8 | --- | 8 | --- | --- | --- | 5 | --- | 5 | --- | --- | --- |
| 27 | 7 | --- | 7 | --- | --- | --- | 10 | --- | 10 | --- | --- | --- |
| 26 | 11 | --- | 11 | --- | --- | --- | 9 | --- | 9 | --- | --- | --- |
| 25 | 5 | --- | 5 | --- | --- | --- | 18 | --- | 18 | --- | --- | --- |
| 24 | 8 | --- | 8 | --- | --- | --- | 4 | --- | 4 | --- | --- | --- |
| 23 | 3 | --- | 3 | --- | --- | --- | 8 | --- | 8 | --- | --- | --- |
| 22 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 21 | 5 | --- | 1 | --- | --- | 4 | 1 | --- | 1 | --- | --- | --- |
| 20 | 17 | --- | 1 | 3 | 9 | 4 | 21 | --- | 18 | 3 | --- | --- |
| 19 | 10 | --- | --- | --- | 2 | 8 | 1 | --- | --- | --- | --- | 1 |
| ≤ 18 | 19,152 | 2,001 | 5 | 9,020 | 6,164 | 1,962 | 19,169 | 2,001 | 26 | 8,991 | 6,175 | 1,976 |
| Total trips: | | | | | | | | | | | 40,862 | |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

WILLAMETTE RIVER ABOVE PORTLAND AND YAMHILL RIVER, OR

| Upbound | | | | | | | Downbound | | | | | |
|-------------|-------|-------|-------|-------|-------|---|-----------|-------|-------|-------|-------|-------|
| Grand Total | 6,564 | 1,219 | ----- | 2,338 | 3,006 | 1 | 6,612 | 1,218 | ----- | 2,391 | 3,003 | ----- |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| Total | 6,564 | 1,219 | ----- | 2,338 | 3,006 | 1 | 6,612 | 1,218 | ----- | 2,391 | 3,003 | ----- |
| 12 | ----- | ----- | ----- | ----- | ----- | ----- | 4 | ----- | ----- | ----- | 4 | ----- |
| 11 | ----- | ----- | ----- | ----- | ----- | ----- | 8 | ----- | ----- | ----- | 8 | ----- |
| 10 | 1 | ----- | ----- | 1 | ----- | ----- | 12 | ----- | ----- | ----- | 12 | ----- |
| 9 | 1 | ----- | ----- | 1 | ----- | ----- | 12 | ----- | ----- | ----- | 12 | ----- |
| 8 | 232 | 227 | ----- | 5 | ----- | ----- | 243 | 227 | ----- | 6 | 10 | ----- |
| 7 | 5 | ----- | ----- | 5 | ----- | ----- | 39 | ----- | ----- | 13 | 26 | ----- |
| 6 | 1,804 | 129 | ----- | 1,673 | 2 | ----- | 1,918 | 127 | ----- | 1,695 | 96 | ----- |
| 5 | 489 | 72 | ----- | 87 | 330 | ----- | 636 | 72 | ----- | 92 | 472 | ----- |
| 4 | 1,624 | 639 | ----- | 566 | 419 | ----- | 2,608 | 639 | ----- | 585 | 1,384 | ----- |
| 3 | 408 | 152 | ----- | ----- | 255 | 1 | 471 | 152 | ----- | ----- | 319 | ----- |
| 2 | 2,000 | ----- | ----- | ----- | 2,000 | ----- | 660 | ----- | ----- | ----- | 660 | ----- |
| 1 | ----- | ----- | ----- | ----- | ----- | ----- | 1 | 1 | ----- | ----- | ----- | ----- |
| Total trips: | | | | | | | | | | | 13,176 | ----- |

COOS BAY, OR

| Inbound | | | | | | | Outbound | | | | | |
|-------------|-------|-----|-------|-------|----|----|----------|-----|-------|-------|----|----|
| Grand Total | 1,501 | 227 | ----- | 1,121 | 62 | 91 | 1,512 | 227 | ----- | 1,113 | 83 | 89 |

FOREIGN

| | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-----|-------|-------|-------|-------|-------|
| Total | 241 | 227 | ----- | 3 | 3 | 8 | 262 | 227 | ----- | 13 | 9 | 13 |
| 35 | ----- | ----- | ----- | ----- | ----- | ----- | 8 | ----- | ----- | ----- | ----- | ----- |
| 34 | 4 | 4 | ----- | ----- | ----- | ----- | 19 | ----- | ----- | ----- | ----- | ----- |
| 33 | 3 | 3 | ----- | ----- | ----- | ----- | 35 | ----- | ----- | ----- | ----- | ----- |
| 32 | 5 | 5 | ----- | ----- | ----- | ----- | 27 | ----- | ----- | ----- | ----- | ----- |
| 31 | 6 | 6 | ----- | ----- | ----- | ----- | 29 | ----- | ----- | ----- | ----- | ----- |
| 30 | 11 | 11 | ----- | ----- | ----- | ----- | 28 | ----- | ----- | ----- | ----- | ----- |
| 29 | 14 | 14 | ----- | ----- | ----- | ----- | 6 | ----- | ----- | ----- | ----- | ----- |
| 28 | 19 | 19 | ----- | ----- | ----- | ----- | 16 | ----- | ----- | ----- | ----- | ----- |
| 27 | 15 | 15 | ----- | ----- | ----- | ----- | 11 | ----- | ----- | ----- | ----- | ----- |
| 26 | 32 | 32 | ----- | ----- | ----- | ----- | 17 | ----- | ----- | ----- | ----- | ----- |
| 25 | 18 | 18 | ----- | ----- | ----- | ----- | 6 | ----- | ----- | ----- | ----- | ----- |
| 24 | 16 | 16 | ----- | ----- | ----- | ----- | 1 | ----- | ----- | ----- | ----- | ----- |
| 23 | 17 | 17 | ----- | ----- | ----- | ----- | 7 | ----- | ----- | ----- | ----- | ----- |
| 22 | 10 | 10 | ----- | ----- | ----- | ----- | 3 | ----- | ----- | ----- | ----- | ----- |
| 21 | 8 | 8 | ----- | ----- | ----- | ----- | 4 | ----- | ----- | ----- | ----- | ----- |
| 20 | 22 | 22 | ----- | ----- | ----- | ----- | 3 | ----- | ----- | ----- | ----- | ----- |
| 19 | 12 | 12 | ----- | ----- | ----- | ----- | 3 | ----- | ----- | ----- | ----- | ----- |
| 18 | 7 | 7 | ----- | ----- | ----- | ----- | 2 | ----- | ----- | ----- | ----- | ----- |
| 17 | 4 | 4 | ----- | ----- | ----- | ----- | 6 | ----- | ----- | 6 | ----- | ----- |
| 16 | 9 | 1 | ----- | ----- | ----- | 8 | 11 | ----- | ----- | ----- | 2 | 9 |
| 15 | 1 | ----- | ----- | ----- | 1 | ----- | 2 | ----- | ----- | ----- | 1 | 1 |
| 14 | 1 | ----- | ----- | 1 | ----- | ----- | 3 | ----- | ----- | 3 | ----- | ----- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

COOS BAY, OR - continued

Inbound

Outbound

FOREIGN

| | | | | | | | | | | | | |
|------|---|-----|-----|---|-----|-----|---|---|-----|-----|-----|---|
| 13 | 1 | --- | --- | 1 | --- | --- | 6 | 1 | --- | 4 | --- | 1 |
| ≤ 12 | 6 | 3 | --- | 1 | 2 | --- | 9 | 1 | --- | --- | 6 | 2 |

DOMESTIC

| | | | | | | | | | | | | |
|-------|-------|-----|-----|-------|-----|-----|-------|-----|-----|--------------|-------|-----|
| Total | 1,260 | --- | --- | 1,118 | 59 | 83 | 1,250 | --- | --- | 1,100 | 74 | 76 |
| 19 | 1 | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- |
| 18 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 17 | 10 | --- | --- | --- | --- | 10 | 6 | --- | --- | --- | 4 | 2 |
| 16 | 27 | --- | --- | 25 | --- | 2 | 17 | --- | --- | 17 | --- | --- |
| 15 | 34 | --- | --- | 34 | --- | --- | 29 | --- | --- | 29 | --- | --- |
| 14 | 16 | --- | --- | 16 | --- | --- | 17 | --- | --- | 14 | 3 | --- |
| 13 | 27 | --- | --- | 26 | 1 | --- | 42 | --- | --- | 27 | 15 | --- |
| ≤ 12 | 1,144 | --- | --- | 1,017 | 58 | 69 | 1,139 | --- | --- | 1,013 | 52 | 74 |
| | | | | | | | | | | Total trips: | 3,013 | |

COLUMBIA RIVER SYSTEM

Upbound

Downbound

| | | | | | | | | | | | | |
|-------------|--------|--------|-----|--------|-------|-------|--------|--------|-----|--------|-------|-------|
| Grand Total | 43,214 | 12,168 | 207 | 19,551 | 8,691 | 2,597 | 43,443 | 12,401 | 185 | 19,357 | 8,985 | 2,515 |
|-------------|--------|--------|-----|--------|-------|-------|--------|--------|-----|--------|-------|-------|

FOREIGN

| | | | | | | | | | | | | |
|-------|-------|-------|-----|-----|-----|-----|-------|-------|-----|-----|-----|-----|
| Total | 2,093 | 1,811 | 56 | 112 | 95 | 19 | 2,054 | 1,797 | 65 | 94 | 81 | 17 |
| 40 | 2 | 2 | --- | --- | --- | --- | 40 | 37 | 3 | --- | --- | --- |
| 39 | 1 | 1 | --- | --- | --- | --- | 32 | 32 | --- | --- | --- | --- |
| 38 | 5 | 3 | 2 | --- | --- | --- | 60 | 60 | --- | --- | --- | --- |
| 37 | 5 | 3 | 2 | --- | --- | --- | 68 | 67 | 1 | --- | --- | --- |
| 36 | 17 | 13 | 4 | --- | --- | --- | 117 | 117 | --- | --- | --- | --- |
| 35 | 24 | 22 | 2 | --- | --- | --- | 83 | 81 | 2 | --- | --- | --- |
| 34 | 40 | 39 | 1 | --- | --- | --- | 166 | 166 | --- | --- | --- | --- |
| 33 | 46 | 46 | --- | --- | --- | --- | 162 | 160 | 2 | --- | --- | --- |
| 32 | 50 | 49 | 1 | --- | --- | --- | 137 | 133 | 4 | --- | --- | --- |
| 31 | 47 | 45 | 2 | --- | --- | --- | 43 | 43 | --- | --- | --- | --- |
| 30 | 63 | 62 | 1 | --- | --- | --- | 77 | 76 | 1 | --- | --- | --- |
| 29 | 100 | 95 | 5 | --- | --- | --- | 68 | 66 | 2 | --- | --- | --- |
| 28 | 105 | 99 | 6 | --- | --- | --- | 92 | 89 | 3 | --- | --- | --- |
| 27 | 107 | 101 | 6 | --- | --- | --- | 83 | 80 | 3 | --- | --- | --- |
| 26 | 109 | 108 | 1 | --- | --- | --- | 103 | 98 | 5 | --- | --- | --- |
| 25 | 118 | 112 | 6 | --- | --- | --- | 98 | 93 | 5 | --- | --- | --- |
| 24 | 145 | 142 | 2 | 1 | --- | --- | 110 | 105 | 5 | --- | --- | --- |
| 23 | 120 | 117 | 3 | --- | --- | --- | 67 | 63 | 4 | --- | --- | --- |
| 22 | 141 | 141 | --- | --- | --- | --- | 68 | 64 | 4 | --- | --- | --- |
| 21 | 137 | 135 | 2 | --- | --- | --- | 51 | 48 | 3 | --- | --- | --- |
| 20 | 181 | 137 | 1 | --- | 41 | 2 | 56 | 36 | 3 | 2 | 15 | --- |
| 19 | 146 | 141 | 2 | 3 | --- | --- | 30 | 25 | 2 | 3 | --- | --- |
| 18 | 98 | 92 | 5 | --- | 1 | --- | 37 | 27 | 7 | 1 | 2 | --- |
| 17 | 41 | 33 | 2 | 4 | 2 | --- | 11 | 8 | 3 | --- | --- | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

COLUMBIA RIVER SYSTEM - continued
Upbound

Downbound

FOREIGN

| | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|
| 16 | 52 | 20 | --- | 29 | 3 | --- | 37 | 7 | 2 | 28 | --- | --- |
| 15 | 43 | 11 | --- | 29 | 3 | --- | 32 | 3 | --- | 26 | 3 | --- |
| 14 | 7 | 5 | --- | --- | 1 | 1 | 3 | 1 | 1 | 1 | --- | --- |
| 13 | 10 | 5 | --- | 4 | --- | 1 | 14 | 2 | --- | --- | 2 | 10 |
| 12 | 16 | 3 | --- | 6 | 5 | 2 | 32 | 1 | --- | 3 | 28 | --- |
| 11 | 27 | --- | --- | 4 | 23 | --- | 24 | --- | --- | --- | 21 | 3 |
| 10 | 34 | 2 | --- | 27 | 3 | 2 | 30 | 1 | --- | 24 | 5 | --- |
| 9 | 8 | 5 | --- | 3 | --- | --- | 3 | --- | --- | 3 | --- | --- |
| 8 | 11 | 9 | --- | --- | 2 | --- | 2 | 2 | --- | --- | --- | --- |
| 7 | 6 | 4 | --- | --- | 2 | --- | 3 | 3 | --- | --- | --- | --- |
| 6 | 8 | 5 | --- | --- | 3 | --- | 1 | 1 | --- | --- | --- | --- |
| 5 | 6 | 3 | --- | --- | 3 | --- | 3 | 2 | --- | 1 | --- | --- |
| 4 | 15 | 1 | --- | 2 | 1 | 11 | 6 | --- | --- | 2 | --- | 4 |
| 3 | 2 | --- | --- | --- | 2 | --- | 4 | --- | --- | --- | 4 | --- |
| 2 | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | 1 | --- |

DOMESTIC

| | | | | | | | | | | | | |
|-------|--------|--------|-----|--------|-------|-------|--------|--------|-----|--------|-------|-------|
| Total | 41,121 | 10,357 | 151 | 19,439 | 8,596 | 2,578 | 41,389 | 10,604 | 120 | 19,263 | 8,904 | 2,498 |
| 38 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 37 | 2 | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 36 | 5 | --- | 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 35 | 12 | --- | 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 34 | 13 | --- | 13 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 33 | 5 | --- | 5 | --- | --- | --- | 4 | --- | 4 | --- | --- | --- |
| 32 | 7 | --- | 7 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 31 | 21 | --- | 21 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 30 | 15 | --- | 15 | --- | --- | --- | 3 | 1 | 2 | --- | --- | --- |
| 29 | 13 | --- | 13 | --- | --- | --- | 10 | 3 | 7 | --- | --- | --- |
| 28 | 9 | --- | 9 | --- | --- | --- | 6 | 1 | 5 | --- | --- | --- |
| 27 | 10 | 2 | 8 | --- | --- | --- | 12 | 2 | 10 | --- | --- | --- |
| 26 | 14 | 2 | 12 | --- | --- | --- | 11 | 2 | 9 | --- | --- | --- |
| 25 | 7 | 1 | 6 | --- | --- | --- | 19 | 2 | 17 | --- | --- | --- |
| 24 | 11 | 1 | 10 | --- | --- | --- | 4 | --- | 4 | --- | --- | --- |
| 23 | 3 | --- | 3 | --- | --- | --- | 8 | --- | 8 | --- | --- | --- |
| 22 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 21 | 5 | --- | 1 | --- | --- | 4 | 2 | --- | 2 | --- | --- | --- |
| 20 | 19 | --- | 1 | 5 | 9 | 4 | 21 | --- | 18 | 3 | --- | --- |
| 19 | 12 | --- | 1 | --- | 2 | 9 | 1 | --- | --- | --- | --- | 1 |
| 18 | 30 | --- | --- | 4 | 1 | 25 | 23 | --- | 1 | 4 | --- | 18 |
| 17 | 26 | --- | --- | --- | 2 | 24 | 18 | --- | 1 | --- | 4 | 13 |
| 16 | 134 | --- | --- | 25 | 95 | 14 | 102 | --- | --- | 23 | 78 | 1 |
| 15 | 101 | --- | --- | 32 | 57 | 12 | 113 | --- | --- | 33 | 55 | 25 |
| 14 | 589 | --- | --- | 341 | 119 | 129 | 526 | --- | --- | 341 | 87 | 98 |
| 13 | 1,081 | --- | --- | 562 | 320 | 199 | 966 | --- | --- | 561 | 207 | 198 |
| 12 | 745 | --- | --- | 313 | 255 | 177 | 728 | 97 | --- | 313 | 154 | 164 |
| 11 | 1,580 | 34 | --- | 1,411 | 68 | 67 | 1,664 | 34 | --- | 1,412 | 152 | 66 |
| 10 | 4,250 | 12 | 1 | 3,874 | 280 | 83 | 4,262 | 12 | 2 | 3,875 | 290 | 83 |
| 9 | 2,493 | 3 | 5 | 1,990 | 379 | 116 | 2,507 | 3 | 22 | 1,989 | 378 | 115 |
| 8 | 2,034 | 376 | --- | 1,392 | 165 | 101 | 2,016 | 376 | --- | 1,391 | 147 | 102 |
| 7 | 3,129 | 18 | --- | 2,863 | 124 | 124 | 3,127 | 18 | --- | 2,863 | 123 | 123 |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

COLUMBIA RIVER SYSTEM - continued
Upbound

Downbound

DOMESTIC

| | | | | | | | | | | | | |
|---|-------|-------|------|-------|-------|------|-------|-------|------|-------|--------------|--------|
| 6 | 5,540 | 936 | ---- | 4,286 | 196 | 122 | 5,538 | 936 | ---- | 4,285 | 195 | 122 |
| 5 | 2,696 | 484 | ---- | 1,467 | 619 | 126 | 2,695 | 484 | ---- | 1,466 | 619 | 126 |
| 4 | 2,735 | 639 | ---- | 824 | 1,073 | 199 | 3,091 | 640 | ---- | 668 | 1,584 | 199 |
| 3 | 9,181 | 6,886 | ---- | 50 | 1,646 | 599 | 9,167 | 6,886 | ---- | 36 | 1,646 | 599 |
| 2 | 4,368 | 738 | ---- | ---- | 3,186 | 444 | 4,512 | 882 | ---- | ---- | 3,185 | 445 |
| 1 | 225 | 225 | ---- | ---- | ---- | ---- | 225 | 225 | ---- | ---- | ---- | ---- |
| | | | | | | | | | | | Total trips: | 86,657 |

ALSEA BAY AND RIVER, OR
No Vessel Trips Reported**CHETCO RIVER, OR**
No Vessel Trips Reported**CHINOOK CHANNEL, WA**
No Vessel Trips Reported**CLATSKANIE RIVER, OR**
(6 feet and less)

Upbound

Downbound

| | | | | | | | | | | | | |
|-------|------|------|------|------|------|------|---|------|------|--------------|------|------|
| Grand | ---- | ---- | ---- | ---- | ---- | ---- | 1 | ---- | ---- | 1 | ---- | ---- |
| Total | ---- | ---- | ---- | ---- | ---- | ---- | 1 | ---- | ---- | Total trips: | 1 | 1 |

COLUMBIA RIVER AT BAKERS BAY, WA
(8 feet and less)

Upbound

Downbound

| | | | | | | | | | | | | |
|-------|---|------|------|---|---|------|---|------|------|--------------|---|------|
| Grand | 3 | ---- | ---- | 2 | 1 | ---- | 3 | ---- | ---- | 2 | 1 | ---- |
| Total | 3 | ---- | ---- | 2 | 1 | ---- | 3 | ---- | ---- | Total trips: | 6 | 6 |

COLUMBIA SLOUGH, OR
No Vessel Trips Reported**COOS AND MILLICOMA RIVERS, OR**
(7 feet and less)

Upbound

Downbound

| | | | | | | | | | | | | |
|-------|----|------|------|----|------|------|----|------|------|--------------|------|------|
| Grand | 24 | ---- | ---- | 24 | ---- | ---- | 24 | ---- | ---- | 24 | ---- | ---- |
| Total | 24 | ---- | ---- | 24 | ---- | ---- | 24 | ---- | ---- | Total trips: | 48 | 48 |

WCSC: PACIFIC COAST, ALASKA AND HAWAII

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

COQUILLE RIVER, OR
No Vessel Trips Reported

COWLITZ RIVER, WA
No Vessel Trips Reported

DEEP RIVER, WA
(11 feet and less)

| | | | | | | | | | | | | |
|-------|----|------|------|---------|------|------|----|------|------|--------------|------|----|
| | | | | Upbound | | | | | | Downbound | | |
| Grand | | | | | | | | | | | | |
| Total | 37 | ---- | ---- | 37 | ---- | ---- | 32 | ---- | ---- | 32 | ---- | 69 |
| | | | | | | | | | | Total trips: | | |

DEPOE BAY, OR
No Vessel Trips Reported

ELOKOMIN SLOUGH, WA
No Vessel Trips Reported

GRAYS RIVER, WA
No Vessel Trips Reported

LAKE RIVER, WA
(5 feet and less)

| | | | | | | | | | | | | |
|-------|-----|-----|------|---------|------|------|-----|-----|------|--------------|------|-----|
| | | | | Upbound | | | | | | Downbound | | |
| Grand | | | | | | | | | | | | |
| Total | 112 | 112 | ---- | ---- | ---- | ---- | 112 | 112 | ---- | ---- | ---- | 224 |
| | | | | | | | | | | Total trips: | | |

LEWIS RIVER, WA
No Vessel Trips Reported

PORT OF ST. HELENS, OR
(12 feet and less)

| | | | | | | | | | | | | |
|-------|---|------|------|---------|------|------|---|------|------|--------------|------|---|
| | | | | Inbound | | | | | | Outbound | | |
| Grand | | | | | | | | | | | | |
| Total | 1 | ---- | ---- | 1 | ---- | ---- | 1 | ---- | ---- | 1 | ---- | 2 |
| | | | | | | | | | | Total trips: | | |

PORT ORFORD, OR
No Vessel Trips Reported

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

ROGUE RIVER, OR
(2 feet and less)

| | | | | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|-----------|-------|-------|-------|-------|-------|
| Upbound | | | | | | | Downbound | | | | | |
| Grand Total | 1,205 | 1,205 | ----- | ----- | ----- | ----- | 1,205 | 1,205 | ----- | ----- | ----- | ----- |
| Total trips: | | | | | | | | | | | | 2,410 |

SIUSLAW RIVER, OR
(8 feet and less)

| | | | | | | | | | | | | |
|----------------|---|-------|-------|---|-------|-------|-----------|-------|-------|-------|-------|-------|
| Upbound | | | | | | | Downbound | | | | | |
| Grand Total | 1 | ----- | ----- | 1 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| Total trips: | | | | | | | | | | | | 1 |

SKAMOKAWA (STEAMBOAT) SLOUGH, WA
No Vessel Trips Reported**SKAMOKAWA CREEK, WA**
No Vessel Trips Reported**SKIPANON CHANNEL, OR**
(11 feet and less)

| | | | | | | | | | | | | |
|----------------|-----|-------|-------|----|----|-------|-----------|-------|-------|----|----|-------|
| Upbound | | | | | | | Downbound | | | | | |
| Grand Total | 105 | ----- | ----- | 69 | 36 | ----- | 80 | ----- | ----- | 44 | 36 | ----- |
| Total trips: | | | | | | | | | | | | 185 |

SMITH RIVER, OR
No Vessel Trips Reported**TILLAMOOK BAY AND BAR, OR**
No Vessel Trips Reported**UMPQUA RIVER, OR**
(14 feet and less)

| | | | | | | | | | | | | |
|----------------|-----|-------|-------|-----|-----|-------|-----------|-------|-------|-----|-----|-------|
| Upbound | | | | | | | Downbound | | | | | |
| Grand Total | 416 | ----- | ----- | 240 | 176 | ----- | 399 | ----- | ----- | 236 | 163 | ----- |
| Total trips: | | | | | | | | | | | | 815 |

WESTPORT SLOUGH, OR
(3 feet and less)

| | | | | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|-----------|-------|-------|-------|-------|--------|
| Upbound | | | | | | | Downbound | | | | | |
| Grand Total | 6,552 | 6,552 | ----- | ----- | ----- | ----- | 6,552 | 6,552 | ----- | ----- | ----- | ----- |
| Total trips: | | | | | | | | | | | | 13,104 |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

YAQUINA BAY AND HARBOR, OR
(30 feet and less)

| | | | | | | | | | | | | |
|--------------------|-----------|----------|-------------|----------|----------|-------------|-----------|-----------|----------|----------|---------------------|-----------|
| | | | | Upbound | | | | | | | Downbound | |
| Grand Total | 17 | 9 | ---- | 5 | 3 | ---- | 23 | 11 | 1 | 6 | Total trips: | 40 |

YAQUINA RIVER, OR
No Vessel Trips Reported

YOUNGS BAY AND YOUNGS RIVER, OR
(12 feet and less)

| | | | | | | | | | | | | |
|--------------------|-----------|-------------|-------------|-----------|-----------|-------------|-----------|----------|-------------|-----------|---------------------|------------|
| | | | | Upbound | | | | | | | Downbound | |
| Grand Total | 91 | ---- | ---- | 79 | 12 | ---- | 99 | 1 | ---- | 86 | Total trips: | 190 |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

GRAYS HARBOR AND CHEHALIS RIVER, WA

| Inbound | | | | | | | Outbound | | | | | |
|----------------|-----|-----|-------|-----|----|----|----------|-----|-------|-----|----|----|
| Grand Total | 483 | 172 | ----- | 267 | 32 | 12 | 488 | 153 | ----- | 280 | 38 | 17 |

FOREIGN

| | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Total | 172 | 172 | ----- | ----- | ----- | ----- | 153 | 153 | ----- | ----- | ----- | ----- |
| 35 | ----- | ----- | ----- | ----- | ----- | ----- | 5 | 5 | ----- | ----- | ----- | ----- |
| 34 | 1 | 1 | ----- | ----- | ----- | ----- | 21 | 21 | ----- | ----- | ----- | ----- |
| 33 | ----- | ----- | ----- | ----- | ----- | ----- | 17 | 17 | ----- | ----- | ----- | ----- |
| 32 | ----- | ----- | ----- | ----- | ----- | ----- | 14 | 14 | ----- | ----- | ----- | ----- |
| 31 | ----- | ----- | ----- | ----- | ----- | ----- | 5 | 5 | ----- | ----- | ----- | ----- |
| 30 | 2 | 2 | ----- | ----- | ----- | ----- | 10 | 10 | ----- | ----- | ----- | ----- |
| 29 | 3 | 3 | ----- | ----- | ----- | ----- | 5 | 5 | ----- | ----- | ----- | ----- |
| 28 | 3 | 3 | ----- | ----- | ----- | ----- | 7 | 7 | ----- | ----- | ----- | ----- |
| 27 | 7 | 7 | ----- | ----- | ----- | ----- | 12 | 12 | ----- | ----- | ----- | ----- |
| 26 | 9 | 9 | ----- | ----- | ----- | ----- | 11 | 11 | ----- | ----- | ----- | ----- |
| 25 | 10 | 10 | ----- | ----- | ----- | ----- | 6 | 6 | ----- | ----- | ----- | ----- |
| 24 | 9 | 9 | ----- | ----- | ----- | ----- | 5 | 5 | ----- | ----- | ----- | ----- |
| 23 | 5 | 5 | ----- | ----- | ----- | ----- | 4 | 4 | ----- | ----- | ----- | ----- |
| 22 | 11 | 11 | ----- | ----- | ----- | ----- | 2 | 2 | ----- | ----- | ----- | ----- |
| 21 | 15 | 15 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 20 | 20 | 20 | ----- | ----- | ----- | ----- | 2 | 2 | ----- | ----- | ----- | ----- |
| 19 | 14 | 14 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 18 | 12 | 12 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 17 | 4 | 4 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 16 | 2 | 2 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 15 | 1 | 1 | ----- | ----- | ----- | ----- | 1 | 1 | ----- | ----- | ----- | ----- |
| 14 | 6 | 6 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| ≤ 12 | 38 | 38 | ----- | ----- | ----- | ----- | 26 | 26 | ----- | ----- | ----- | ----- |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|
| Total | 311 | ----- | ----- | 267 | 32 | 12 | 335 | ----- | ----- | 280 | 38 | 17 |
| 16 | 1 | ----- | ----- | 1 | ----- | ----- | 1 | ----- | ----- | 1 | ----- | ----- |
| 15 | 4 | ----- | ----- | 4 | ----- | ----- | 7 | ----- | ----- | 4 | 3 | ----- |
| 14 | 16 | ----- | ----- | 16 | ----- | ----- | 17 | ----- | ----- | 13 | 4 | ----- |
| 13 | 16 | ----- | ----- | 16 | ----- | ----- | 28 | ----- | ----- | 20 | 7 | 1 |
| ≤ 12 | 274 | ----- | ----- | 230 | 32 | 12 | 282 | ----- | ----- | 242 | 24 | 16 |
| Total trips: | | | | | | | | | | | 971 | |

PORT ANGELES HARBOR, WA

| Inbound | | | | | | | Outbound | | | | | |
|----------------|-------|-----|----|-------|-----|-----|----------|-----|----|-------|-----|-----|
| Grand Total | 3,371 | 448 | 32 | 2,327 | 222 | 342 | 3,378 | 423 | 32 | 2,344 | 242 | 337 |

FOREIGN

| | | | | | | | | | | | | |
|-------|-----|----|-------|-------|-------|-------|-----|----|---|-------|-------|-------|
| Total | 248 | 91 | 6 | 75 | 73 | 3 | 252 | 73 | 5 | 85 | 87 | 2 |
| 30 | 6 | 5 | 1 | ----- | ----- | ----- | 33 | 30 | 3 | ----- | ----- | ----- |
| 29 | 1 | 1 | ----- | ----- | ----- | ----- | 2 | 1 | 1 | ----- | ----- | ----- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

PORT ANGELES HARBOR, WA - continued
Inbound

Outbound

FOREIGN

| | | | | | | | | | | | | |
|------|-----|----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|
| 28 | 2 | 2 | --- | --- | --- | --- | 5 | 5 | --- | --- | --- | --- |
| 27 | 3 | 3 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 26 | 6 | 4 | 2 | --- | --- | --- | 5 | 5 | --- | --- | --- | --- |
| 25 | 5 | 5 | --- | --- | --- | --- | 3 | 2 | 1 | --- | --- | --- |
| 24 | 3 | 2 | 1 | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 23 | 1 | 1 | --- | --- | --- | --- | 5 | 4 | --- | 1 | --- | --- |
| 22 | 5 | 5 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 21 | 6 | 5 | --- | 1 | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 19 | 9 | 9 | --- | --- | --- | --- | 9 | 9 | --- | --- | --- | --- |
| ≤ 18 | 201 | 49 | 2 | 74 | 73 | 3 | 184 | 11 | --- | 84 | 87 | 2 |

DOMESTIC

| | | | | | | | | | | | | |
|---------------------|--------------|------------|-----------|--------------|------------|------------|--------------|------------|-----------|--------------|--------------|------------|
| Total | 3,123 | 357 | 26 | 2,252 | 149 | 339 | 3,126 | 350 | 27 | 2,259 | 155 | 335 |
| 30 | 2 | --- | 2 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 29 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 28 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 27 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 26 | 2 | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 22 | 200 | --- | 1 | 199 | --- | --- | 209 | --- | --- | 209 | --- | --- |
| 20 | 1 | --- | --- | 1 | --- | --- | 1 | --- | --- | 1 | --- | --- |
| 19 | 2 | --- | --- | 1 | --- | 1 | --- | --- | --- | --- | --- | --- |
| ≤ 18 | 2,915 | 357 | 20 | 2,051 | 149 | 338 | 2,911 | 350 | 22 | 2,049 | 155 | 335 |
| Total trips: | | | | | | | | | | | 6,749 | |

PORT TOWNSEND HARBOR, WA
Inbound

Outbound

| | | | | | | | | | | | | |
|--------------------|--------------|--------------|------------|------------|------------|-----------|--------------|--------------|------------|------------|------------|-----------|
| Grand Total | 5,076 | 4,460 | --- | 370 | 212 | 34 | 5,042 | 4,457 | --- | 337 | 215 | 33 |
|--------------------|--------------|--------------|------------|------------|------------|-----------|--------------|--------------|------------|------------|------------|-----------|

FOREIGN

| | | | | | | | | | | | | |
|--------------|-----------|----------|------------|-----------|-----------|------------|-----------|----------|------------|-----------|-----------|------------|
| Total | 63 | 9 | --- | 20 | 34 | --- | 69 | 6 | --- | 23 | 40 | --- |
| ≤ 20 | 63 | 9 | --- | 20 | 34 | --- | 69 | 6 | --- | 23 | 40 | --- |

DOMESTIC

| | | | | | | | | | | | | |
|---------------------|--------------|--------------|------------|------------|------------|-----------|--------------|--------------|------------|------------|---------------|-----------|
| Total | 5,013 | 4,451 | --- | 350 | 178 | 34 | 4,973 | 4,451 | --- | 314 | 175 | 33 |
| ≤ 20 | 5,013 | 4,451 | --- | 350 | 178 | 34 | 4,973 | 4,451 | --- | 314 | 175 | 33 |
| Total trips: | | | | | | | | | | | 10,118 | |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

PORT GAMBLE HARBOR, WA

| | | | | | | | | | | | | |
|--------------------|------------|------|------|------------|----------|----------|------------|------|------|-----------|----------|----------|
| | Inbound | | | | | | Outbound | | | | | |
| Grand Total | 116 | ---- | ---- | 104 | 7 | 5 | 110 | ---- | ---- | 98 | 7 | 5 |

DOMESTIC

| | | | | | | | | | | | | |
|---------------------|------------|------|------|------------|----------|----------|------------|------|------|-----------|------------|----------|
| Total | 116 | ---- | ---- | 104 | 7 | 5 | 110 | ---- | ---- | 98 | 7 | 5 |
| 16 | 1 | ---- | ---- | 1 | ---- | ---- | 1 | ---- | ---- | 1 | ---- | 1 |
| 15 | 1 | ---- | ---- | 1 | ---- | ---- | 3 | ---- | ---- | 1 | 2 | ---- |
| 14 | 1 | ---- | ---- | 1 | ---- | ---- | 4 | ---- | ---- | 1 | 3 | ---- |
| 13 | 1 | ---- | ---- | 1 | ---- | ---- | 1 | ---- | ---- | 1 | ---- | ---- |
| ≤ 12 | 113 | ---- | ---- | 101 | 7 | 5 | 101 | ---- | ---- | 95 | 2 | 4 |
| Total trips: | | | | | | | | | | | 226 | |

HAMMERSLEY INLET, WA

| | | | | | | | | | | | | |
|--------------------|------------|------|------|------------|------------|------|------------|------|------|------------|------------|------|
| | Upbound | | | | | | Downbound | | | | | |
| Grand Total | 455 | ---- | ---- | 262 | 193 | ---- | 454 | ---- | ---- | 261 | 193 | ---- |

DOMESTIC

| | | | | | | | | | | | | |
|---------------------|------------|------|------|------------|------------|------|------------|------|------|------------|------------|------|
| Total | 455 | ---- | ---- | 262 | 193 | ---- | 454 | ---- | ---- | 261 | 193 | ---- |
| 10 | 186 | ---- | ---- | 186 | ---- | ---- | 180 | ---- | ---- | 180 | ---- | ---- |
| 9 | 21 | ---- | ---- | 21 | ---- | ---- | 23 | ---- | ---- | 23 | ---- | ---- |
| 8 | 3 | ---- | ---- | 3 | ---- | ---- | 22 | ---- | ---- | 3 | 19 | ---- |
| 7 | 41 | ---- | ---- | 41 | ---- | ---- | 52 | ---- | ---- | 45 | 7 | ---- |
| ≤ 6 | 204 | ---- | ---- | 11 | 193 | ---- | 177 | ---- | ---- | 10 | 167 | ---- |
| Total trips: | | | | | | | | | | | 909 | |

OLYMPIA HARBOR, WA

| | | | | | | | | | | | | |
|--------------------|------------|----------|------|------------|------------|-----------|------------|----------|------|------------|------------|-----------|
| | Inbound | | | | | | Outbound | | | | | |
| Grand Total | 442 | 8 | ---- | 316 | 105 | 13 | 439 | 7 | ---- | 313 | 106 | 13 |

FOREIGN

| | | | | | | | | | | | | |
|--------------|-----------|----------|------|----------|----------|------|-----------|----------|------|----------|----------|------|
| Total | 14 | 8 | ---- | 3 | 3 | ---- | 13 | 7 | ---- | 3 | 3 | ---- |
| 29 | 1 | 1 | ---- | 1 | ---- | ---- | 1 | 1 | ---- | 1 | ---- | ---- |
| 28 | 1 | 1 | ---- | 1 | ---- | ---- | 1 | 1 | ---- | 1 | ---- | ---- |
| 26 | 1 | 1 | ---- | 1 | ---- | ---- | 2 | 2 | ---- | 1 | ---- | ---- |
| 25 | 2 | 2 | ---- | 2 | ---- | ---- | 1 | 1 | ---- | 1 | ---- | ---- |
| 23 | 1 | 1 | ---- | 1 | ---- | ---- | 2 | 2 | ---- | 2 | ---- | ---- |
| 21 | 2 | 2 | ---- | 2 | ---- | ---- | 1 | 1 | ---- | 1 | ---- | ---- |
| 20 | 8 | 2 | ---- | 3 | 3 | ---- | 6 | 2 | ---- | 3 | 3 | ---- |
| ≤ 18 | 8 | 2 | ---- | 3 | 3 | ---- | 6 | 2 | ---- | 3 | 3 | ---- |

DOMESTIC

| | | | | | | | | | | | | |
|---------------------|------------|------|------|------------|------------|-----------|------------|------|------|------------|------------|-----------|
| Total | 428 | ---- | ---- | 313 | 102 | 13 | 426 | ---- | ---- | 310 | 103 | 13 |
| ≤ 18 | 428 | ---- | ---- | 313 | 102 | 13 | 426 | ---- | ---- | 310 | 103 | 13 |
| Total trips: | | | | | | | | | | | 881 | |

WCSC: PACIFIC COAST, ALASKA AND HAWAII

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

TACOMA HARBOR, WA

| Inbound | | | | | | | Outbound | | | | | |
|-------------|--------|-------|-----|--------|-------|-------|----------|-------|-----|--------|-------|-------|
| Grand Total | 21,999 | 8,636 | 128 | 10,799 | 1,358 | 1,078 | 21,898 | 8,673 | 128 | 10,689 | 1,333 | 1,075 |

FOREIGN

| | | | | | | | | | | | | |
|-------|-------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|
| Total | 1,423 | 664 | 34 | 327 | 330 | 68 | 1,345 | 670 | 36 | 284 | 293 | 62 |
| 47 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 46 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 45 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 42 | 1 | 1 | --- | --- | --- | --- | 2 | 1 | 1 | --- | --- | --- |
| 41 | 4 | 3 | 1 | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 40 | --- | --- | --- | --- | --- | --- | 8 | 8 | --- | --- | --- | --- |
| 39 | 6 | 4 | 2 | --- | --- | --- | 16 | 16 | --- | --- | --- | --- |
| 38 | 7 | 7 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 37 | 14 | 13 | 1 | --- | --- | --- | 4 | 4 | --- | --- | --- | --- |
| 36 | 12 | 11 | 1 | --- | --- | --- | 16 | 16 | --- | --- | --- | --- |
| 35 | 18 | 18 | --- | --- | --- | --- | 17 | 17 | --- | --- | --- | --- |
| 34 | 22 | 22 | --- | --- | --- | --- | 43 | 43 | --- | --- | --- | --- |
| 33 | 28 | 28 | --- | --- | --- | --- | 63 | 62 | 1 | --- | --- | --- |
| 32 | 43 | 43 | --- | --- | --- | --- | 88 | 88 | --- | --- | --- | --- |
| 31 | 23 | 23 | --- | --- | --- | --- | 13 | 13 | --- | --- | --- | --- |
| 30 | 29 | 29 | --- | --- | --- | --- | 75 | 72 | 3 | --- | --- | --- |
| 29 | 33 | 33 | --- | --- | --- | --- | 22 | 20 | 2 | --- | --- | --- |
| 28 | 44 | 42 | 2 | --- | --- | --- | 40 | 35 | 5 | --- | --- | --- |
| 27 | 47 | 47 | --- | --- | --- | --- | 41 | 37 | 4 | --- | --- | --- |
| 26 | 62 | 58 | 4 | --- | --- | --- | 72 | 67 | 5 | --- | --- | --- |
| 25 | 39 | 35 | 4 | --- | --- | --- | 29 | 27 | 2 | --- | --- | --- |
| 24 | 37 | 35 | 2 | --- | --- | --- | 35 | 34 | 1 | --- | --- | --- |
| 23 | 54 | 50 | 4 | --- | --- | --- | 44 | 41 | 3 | --- | --- | --- |
| 22 | 24 | 21 | 3 | --- | --- | --- | 8 | 7 | 1 | --- | --- | --- |
| 21 | 34 | 31 | 3 | --- | --- | --- | 15 | 14 | 1 | --- | --- | --- |
| 20 | 47 | 38 | 1 | 1 | --- | 7 | 31 | 23 | --- | 2 | 4 | 2 |
| 19 | 17 | 14 | 1 | 1 | --- | 1 | 6 | 3 | 1 | 2 | --- | --- |
| 18 | 25 | 21 | 3 | --- | 1 | --- | 9 | 6 | 1 | 1 | 1 | --- |
| 17 | 13 | 8 | 1 | 1 | 3 | --- | 4 | 3 | --- | --- | 1 | --- |
| 16 | 25 | 14 | 1 | 4 | 6 | --- | 52 | 1 | --- | 1 | 49 | 1 |
| 15 | 19 | 4 | --- | 8 | 7 | --- | 6 | --- | 1 | 5 | --- | --- |
| 14 | 93 | 3 | --- | 73 | 14 | 3 | 118 | 2 | --- | 74 | 13 | 29 |
| 13 | 38 | 5 | --- | 22 | 5 | 6 | 25 | 3 | --- | 19 | 1 | 2 |
| ≤ 12 | 565 | 3 | --- | 217 | 294 | 51 | 435 | 1 | 2 | 180 | 224 | 28 |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

TACOMA HARBOR, WA - continued

Inbound

Outbound

DOMESTIC

| Total | 20,576 | 7,972 | 94 | 10,472 | 1,028 | 1,010 | 20,553 | 8,003 | 92 | 10,405 | 1,040 | 1,013 |
|-------|--------|-------|----|--------|-------|-------|--------|-------|----|--------------|--------|-------|
| 42 | 4 | — | 4 | — | — | — | — | — | — | — | — | — |
| 41 | 12 | — | 12 | — | — | — | — | — | — | — | — | — |
| 40 | 5 | — | 5 | — | — | — | — | — | — | — | — | — |
| 39 | 1 | — | 1 | — | — | — | — | — | — | — | — | — |
| 33 | — | — | — | — | — | — | 27 | 27 | — | — | — | — |
| 32 | 1 | 1 | — | — | — | — | 27 | 24 | 3 | — | — | — |
| 31 | 5 | 5 | — | — | — | — | 14 | 12 | 2 | — | — | — |
| 30 | 7 | 6 | 1 | — | — | — | 19 | 18 | 1 | — | — | — |
| 29 | 9 | 9 | — | — | — | — | 8 | 6 | 2 | — | — | — |
| 28 | 32 | 32 | — | — | — | — | 8 | 5 | 3 | — | — | — |
| 27 | 20 | 20 | — | — | — | — | 10 | 3 | 7 | — | — | — |
| 26 | 17 | 15 | 2 | — | — | — | 6 | 3 | 3 | — | — | — |
| 25 | 124 | 124 | — | — | — | — | 125 | 124 | 1 | — | — | — |
| 24 | 1 | 1 | — | — | — | — | 14 | 14 | — | — | — | — |
| 23 | — | — | — | — | — | — | 1 | — | 1 | — | — | — |
| 22 | 59 | — | — | 59 | — | — | 57 | — | 2 | 55 | — | — |
| 21 | 2 | — | — | — | — | 2 | 1 | — | — | — | — | 1 |
| 20 | 6 | — | — | 3 | — | 3 | 6 | — | — | 4 | — | 2 |
| 19 | 2 | — | — | — | — | 2 | 14 | — | — | — | — | 14 |
| 18 | 104 | — | — | 100 | — | 4 | 106 | 1 | — | 100 | — | 5 |
| 17 | 4,402 | — | — | 4,401 | — | 1 | 4,400 | — | — | 4,385 | — | 15 |
| 16 | 164 | — | — | 163 | — | 1 | 135 | — | — | 133 | — | 2 |
| 15 | 140 | — | — | 98 | 9 | 33 | 128 | — | — | 102 | — | 26 |
| 14 | 416 | — | — | 392 | 7 | 17 | 423 | — | — | 418 | 1 | 4 |
| 13 | 69 | — | — | 42 | 14 | 13 | 65 | 1 | — | 58 | — | 6 |
| ≤ 12 | 14,974 | 7,759 | 69 | 5,214 | 998 | 934 | 14,959 | 7,765 | 67 | 5,150 | 1,039 | 938 |
| | | | | | | | | | | Total trips: | 43,897 | |

SEATTLE HARBOR, WA

Inbound

Outbound

| Grand Total | 52,657 | 34,115 | 154 | 13,898 | 2,300 | 2,190 | 52,749 | 34,130 | 153 | 13,948 | 2,335 | 2,183 |
|-------------|--------|--------|-----|--------|-------|-------|--------|--------|-----|--------|-------|-------|
|-------------|--------|--------|-----|--------|-------|-------|--------|--------|-----|--------|-------|-------|

FOREIGN

| Total | 2,622 | 998 | 19 | 782 | 807 | 16 | 2,707 | 1,025 | 18 | 807 | 839 | 18 |
|-------|-------|-----|----|-----|-----|----|-------|-------|----|-----|-----|----|
| 38 | — | — | — | — | — | — | 16 | 16 | — | — | — | — |
| 36 | 32 | 32 | — | — | — | — | 74 | 74 | — | — | — | — |
| 35 | 15 | 15 | — | — | — | — | 5 | 5 | — | — | — | — |
| 34 | 12 | 12 | — | — | — | — | 3 | 3 | — | — | — | — |
| 33 | 145 | 143 | 2 | — | — | — | 157 | 157 | — | — | — | — |
| 32 | 21 | 21 | — | — | — | — | 31 | 30 | 1 | — | — | — |
| 31 | 9 | 8 | 1 | — | — | — | 18 | 18 | — | — | — | — |
| 30 | 185 | 184 | 1 | — | — | — | 282 | 281 | 1 | — | — | — |
| 29 | 21 | 21 | — | — | — | — | 9 | 9 | — | — | — | — |
| 28 | 25 | 23 | 2 | — | — | — | 6 | 6 | — | — | — | — |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

SEATTLE HARBOR, WA - continued
Inbound

Outbound

FOREIGN

| | | | | | | | | | | | | |
|------|-------|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|
| 27 | 9 | 9 | --- | --- | --- | --- | 7 | 6 | 1 | --- | --- | --- |
| 26 | 206 | 206 | --- | --- | --- | --- | 183 | 182 | 1 | --- | --- | --- |
| 25 | 9 | 7 | 2 | --- | --- | --- | 7 | 7 | --- | --- | --- | --- |
| 24 | 6 | 6 | --- | --- | --- | --- | 8 | 7 | 1 | --- | --- | --- |
| 23 | 118 | 117 | 1 | --- | --- | --- | 83 | 83 | --- | --- | --- | --- |
| 22 | 33 | 11 | --- | --- | 22 | --- | 10 | 8 | 2 | --- | --- | --- |
| 21 | 19 | 14 | --- | 2 | 3 | --- | 8 | 8 | --- | --- | --- | --- |
| 20 | 71 | 66 | 3 | 1 | 1 | --- | 47 | 46 | 1 | --- | --- | --- |
| 19 | 8 | 5 | 1 | --- | 2 | --- | 5 | 4 | --- | 1 | --- | --- |
| ≤ 18 | 1,678 | 98 | 6 | 779 | 779 | 16 | 1,748 | 75 | 10 | 806 | 839 | 18 |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|--------|--------|-----|--------|-------|-------|--------|--------|-----|--------|---------|-------|
| Total | 50,035 | 33,117 | 135 | 13,116 | 1,493 | 2,174 | 50,042 | 33,105 | 135 | 13,141 | 1,496 | 2,165 |
| 37 | --- | --- | --- | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 36 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 35 | 1 | --- | 1 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 34 | 2 | 1 | 1 | --- | --- | --- | 15 | 14 | 1 | --- | --- | --- |
| 33 | 8 | 7 | 1 | --- | --- | --- | 21 | 21 | --- | --- | --- | --- |
| 32 | 7 | 6 | 1 | --- | --- | --- | 13 | 13 | --- | --- | --- | --- |
| 31 | 4 | 4 | --- | --- | --- | --- | 10 | 9 | 1 | --- | --- | --- |
| 30 | 9 | 5 | 4 | --- | --- | --- | 9 | 7 | 2 | --- | --- | --- |
| 29 | 14 | 10 | 4 | --- | --- | --- | 6 | 3 | 3 | --- | --- | --- |
| 28 | 14 | 12 | 2 | --- | --- | --- | 9 | 5 | 4 | --- | --- | --- |
| 27 | 13 | 7 | 6 | --- | --- | --- | 8 | 5 | 3 | --- | --- | --- |
| 26 | 14 | 9 | 5 | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 25 | 15 | 11 | 4 | --- | --- | --- | 5 | 2 | 3 | --- | --- | --- |
| 24 | 7 | 1 | 6 | --- | --- | --- | 7 | 6 | 1 | --- | --- | --- |
| 23 | 1 | 1 | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 22 | 265 | --- | --- | 265 | --- | --- | 271 | --- | 1 | 270 | --- | --- |
| 21 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 20 | 28 | --- | --- | 27 | --- | 1 | 29 | --- | 1 | 28 | --- | --- |
| 19 | 4 | 1 | --- | 3 | --- | --- | 4 | 1 | --- | 3 | --- | --- |
| ≤ 18 | 49,627 | 33,041 | 99 | 12,821 | 1,493 | 2,173 | 49,629 | 33,017 | 111 | 12,840 | 1,496 | 2,165 |
| Total trips: | | | | | | | | | | | 105,406 | --- |

LAKE WASHINGTON SHIP CANAL, WA
Upbound

Downbound

| | | | | | | | | | | | | |
|-------------|-------|-------|---|-------|-----|----|-------|-------|---|-------|-----|----|
| Grand Total | 3,665 | 1,504 | 8 | 1,542 | 538 | 73 | 3,612 | 1,503 | 4 | 1,546 | 503 | 56 |
|-------------|-------|-------|---|-------|-----|----|-------|-------|---|-------|-----|----|

FOREIGN

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Total | 194 | 29 | 3 | 81 | 80 | 1 | 198 | 29 | 2 | 85 | 82 | --- |
| 26 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 25 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| ≤ 22 | 193 | 29 | 2 | 81 | 80 | 1 | 196 | 27 | 2 | 85 | 82 | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

LAKE WASHINGTON SHIP CANAL, WA - continued

Upbound

Downbound

DOMESTIC

| | | | | | | | | | | | | |
|-------|-------|-------|---|-------|-----|----|-------|-------|---|-------|--------------|-------|
| Total | 3,471 | 1,475 | 5 | 1,461 | 458 | 72 | 3,414 | 1,474 | 2 | 1,461 | 421 | 56 |
| ≤ 22 | 3,471 | 1,475 | 5 | 1,461 | 458 | 72 | 3,414 | 1,474 | 2 | 1,461 | 421 | 56 |
| | | | | | | | | | | | Total trips: | 7,277 |

EVERETT HARBOR AND SNOHOMISH RIVER, WA

Inbound

Outbound

| | | | | | | | | | | | | |
|-------------|-------|-----|---|-------|-----|----|-------|-----|------|-------|-----|----|
| Grand Total | 3,535 | 672 | 1 | 2,460 | 329 | 73 | 3,508 | 672 | ---- | 2,435 | 334 | 67 |
|-------------|-------|-----|---|-------|-----|----|-------|-----|------|-------|-----|----|

FOREIGN

| | | | | | | | | | | | | |
|-------|------|------|------|------|------|------|-----|------|------|------|------|------|
| Total | 275 | 87 | ---- | 65 | 123 | ---- | 279 | 86 | ---- | 66 | 127 | ---- |
| 37 | ---- | ---- | ---- | ---- | ---- | ---- | 1 | 1 | ---- | ---- | ---- | ---- |
| 36 | ---- | ---- | ---- | ---- | ---- | ---- | 1 | 1 | ---- | ---- | ---- | ---- |
| 35 | 1 | 1 | ---- | ---- | ---- | ---- | 1 | 1 | ---- | ---- | ---- | ---- |
| 34 | 3 | 3 | ---- | ---- | ---- | ---- | 5 | 5 | ---- | ---- | ---- | ---- |
| 33 | 3 | 3 | ---- | ---- | ---- | ---- | 12 | 12 | ---- | ---- | ---- | ---- |
| 32 | 1 | 1 | ---- | ---- | ---- | ---- | 14 | 14 | ---- | ---- | ---- | ---- |
| 31 | ---- | ---- | ---- | ---- | ---- | ---- | 2 | 2 | ---- | ---- | ---- | ---- |
| 30 | 3 | 3 | ---- | ---- | ---- | ---- | 3 | 3 | ---- | ---- | ---- | ---- |
| 29 | ---- | ---- | ---- | ---- | ---- | ---- | 1 | 1 | ---- | ---- | ---- | ---- |
| 28 | 1 | 1 | ---- | ---- | ---- | ---- | 2 | 2 | ---- | ---- | ---- | ---- |
| 27 | 2 | 2 | ---- | ---- | ---- | ---- | 1 | 1 | ---- | ---- | ---- | ---- |
| 26 | 4 | 4 | ---- | ---- | ---- | ---- | 17 | 17 | ---- | ---- | ---- | ---- |
| 25 | 3 | 3 | ---- | ---- | ---- | ---- | 2 | 2 | ---- | ---- | ---- | ---- |
| 24 | 6 | 6 | ---- | ---- | ---- | ---- | 9 | 9 | ---- | ---- | ---- | ---- |
| 23 | 10 | 10 | ---- | ---- | ---- | ---- | 6 | 6 | ---- | ---- | ---- | ---- |
| 22 | 1 | 1 | ---- | ---- | ---- | ---- | 3 | 3 | ---- | ---- | ---- | ---- |
| 21 | 8 | 8 | ---- | ---- | ---- | ---- | 4 | 3 | ---- | ---- | 1 | ---- |
| 20 | 17 | 17 | ---- | ---- | ---- | ---- | 2 | 2 | ---- | ---- | ---- | ---- |
| 19 | 1 | 1 | ---- | ---- | ---- | ---- | 1 | ---- | ---- | ---- | 1 | ---- |
| ≤ 18 | 211 | 23 | ---- | 65 | 123 | ---- | 192 | 1 | ---- | 66 | 125 | ---- |

DOMESTIC

| | | | | | | | | | | | | |
|-------|-------|------|------|-------|------|------|-------|------|------|-------|--------------|-------|
| Total | 3,260 | 585 | 1 | 2,395 | 206 | 73 | 3,229 | 586 | ---- | 2,369 | 207 | 67 |
| 22 | 15 | ---- | ---- | 15 | ---- | ---- | 17 | ---- | ---- | 17 | ---- | ---- |
| ≤ 18 | 3,245 | 585 | 1 | 2,380 | 206 | 73 | 3,212 | 586 | ---- | 2,352 | 207 | 67 |
| | | | | | | | | | | | Total trips: | 7,043 |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

SWINOMISH CHANNEL, WA

Upbound

Downbound

| | | | | | | | | | | | | |
|-------------|-----|-----|------|-----|---|------|-----|-----|------|-----|----|------|
| Grand Total | 425 | 222 | ---- | 201 | 2 | ---- | 450 | 226 | ---- | 175 | 49 | ---- |
|-------------|-----|-----|------|-----|---|------|-----|-----|------|-----|----|------|

DOMESTIC

| | | | | | | | | | | | | |
|--------------|-----|------|------|-----|------|------|------|------|------|-----|------|------|
| Total | 425 | 222 | ---- | 201 | 2 | ---- | 450 | 226 | ---- | 175 | 49 | ---- |
| 12 | 2 | ---- | ---- | 2 | ---- | ---- | ---- | ---- | ---- | 56 | 1 | ---- |
| 10 | 67 | ---- | ---- | 67 | ---- | ---- | 57 | ---- | ---- | 12 | 7 | ---- |
| 9 | 19 | ---- | ---- | 18 | 1 | ---- | 19 | ---- | ---- | 50 | ---- | ---- |
| 8 | 59 | ---- | ---- | 59 | ---- | ---- | 50 | ---- | ---- | 54 | ---- | ---- |
| 7 | 120 | 70 | ---- | 50 | ---- | ---- | 128 | 74 | ---- | 3 | 41 | ---- |
| ≤ 6 | 158 | 152 | ---- | 5 | 1 | ---- | 196 | 152 | ---- | | | ---- |
| Total trips: | | | | | | | | | | | 875 | |

ANACORTES HARBOR, WA

Inbound

Outbound

| | | | | | | | | | | | | |
|-------------|-------|-------|-----|-------|----|-----|-------|-------|-----|-------|----|-----|
| Grand Total | 8,881 | 5,907 | 198 | 2,245 | 33 | 498 | 8,878 | 5,907 | 200 | 2,244 | 30 | 497 |
|-------------|-------|-------|-----|-------|----|-----|-------|-------|-----|-------|----|-----|

FOREIGN

| | | | | | | | | | | | | |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|
| Total | 379 | 66 | 35 | 149 | 25 | 104 | 371 | 66 | 30 | 147 | 23 | 105 |
| 50 | ---- | ---- | ---- | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 47 | 1 | ---- | 1 | ---- | ---- | ---- | ---- | ---- | 2 | ---- | ---- | ---- |
| 45 | ---- | ---- | ---- | ---- | ---- | ---- | 2 | ---- | 2 | ---- | ---- | ---- |
| 44 | 3 | ---- | 3 | ---- | ---- | ---- | 2 | ---- | 2 | ---- | ---- | ---- |
| 43 | ---- | ---- | ---- | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 42 | 1 | ---- | 1 | ---- | ---- | ---- | ---- | ---- | 2 | ---- | ---- | ---- |
| 41 | 2 | ---- | 2 | ---- | ---- | ---- | 2 | ---- | 2 | ---- | ---- | ---- |
| 40 | 1 | ---- | 1 | ---- | ---- | ---- | ---- | ---- | 3 | ---- | ---- | ---- |
| 39 | 1 | ---- | 1 | ---- | ---- | ---- | 3 | ---- | 3 | ---- | ---- | ---- |
| 38 | ---- | ---- | ---- | ---- | ---- | ---- | 2 | ---- | 2 | ---- | ---- | ---- |
| 36 | 2 | ---- | 2 | ---- | ---- | ---- | 3 | ---- | 3 | ---- | ---- | ---- |
| 35 | 2 | ---- | 2 | ---- | ---- | ---- | 4 | ---- | 4 | ---- | ---- | ---- |
| 34 | 2 | ---- | 2 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 33 | ---- | ---- | ---- | ---- | ---- | ---- | 4 | 1 | 3 | ---- | ---- | ---- |
| 32 | ---- | ---- | ---- | ---- | ---- | ---- | 7 | 5 | 2 | ---- | ---- | ---- |
| 31 | ---- | ---- | ---- | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 30 | 2 | ---- | 2 | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 29 | 3 | ---- | 3 | ---- | ---- | ---- | 1 | 1 | ---- | ---- | ---- | ---- |
| 28 | 5 | 1 | 4 | ---- | ---- | ---- | 2 | 2 | ---- | ---- | ---- | ---- |
| 27 | ---- | ---- | ---- | ---- | ---- | ---- | 2 | 1 | 1 | ---- | ---- | ---- |
| 26 | 1 | ---- | 1 | ---- | ---- | ---- | 5 | 4 | 1 | ---- | ---- | ---- |
| 24 | 2 | ---- | 2 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 23 | 7 | 2 | 5 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 22 | 3 | 2 | 1 | ---- | ---- | ---- | 2 | 1 | ---- | ---- | 1 | ---- |
| 21 | 2 | 2 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 20 | 4 | 3 | ---- | ---- | 1 | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 19 | 3 | 1 | 1 | 1 | ---- | ---- | 1 | ---- | ---- | ---- | 1 | ---- |
| ≤ 18 | 332 | 55 | 1 | 148 | 25 | 103 | 325 | 51 | 1 | 147 | 21 | 105 |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

ANACORTES HARBOR, WA - continued
Inbound

Outbound

DOMESTIC

| Total | 8,502 | 5,841 | 163 | 2,096 | 8 | 394 | 8,507 | 5,841 | 170 | 2,097 | 7 | 392 |
|-------|-------|-------|-----|-------|-----|-----|-------|-------|-----|--------------|--------|-----|
| 50 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 48 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 45 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 44 | 4 | --- | 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 43 | 7 | --- | 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 42 | 3 | --- | 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 41 | 22 | --- | 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 40 | 44 | --- | 44 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 39 | 8 | --- | 8 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 38 | 4 | --- | 4 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 37 | 1 | --- | 1 | --- | --- | --- | 6 | --- | 6 | --- | --- | --- |
| 36 | 5 | --- | 5 | --- | --- | --- | 4 | --- | 4 | --- | --- | --- |
| 35 | --- | --- | --- | --- | --- | --- | 4 | --- | 4 | --- | --- | --- |
| 34 | 2 | --- | 2 | --- | --- | --- | 4 | --- | 4 | --- | --- | --- |
| 33 | 2 | --- | 2 | --- | --- | --- | 13 | --- | 13 | --- | --- | --- |
| 32 | 4 | --- | 4 | --- | --- | --- | 15 | --- | 15 | --- | --- | --- |
| 31 | --- | --- | --- | --- | --- | --- | 4 | --- | 4 | --- | --- | --- |
| 30 | 2 | --- | 2 | --- | --- | --- | 11 | --- | 11 | --- | --- | --- |
| 29 | 6 | --- | 6 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 28 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 27 | 3 | --- | 3 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 26 | 2 | --- | 2 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 25 | 4 | --- | 4 | --- | --- | --- | 5 | --- | 5 | --- | --- | --- |
| 24 | 1 | --- | 1 | --- | --- | --- | 69 | --- | 69 | --- | --- | --- |
| 22 | 336 | --- | --- | 336 | --- | --- | 358 | --- | --- | 358 | --- | --- |
| 21 | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | 1 |
| 20 | 6 | --- | 1 | 4 | --- | 1 | 8 | --- | 3 | 4 | --- | 1 |
| 19 | 4 | --- | 3 | --- | --- | 1 | --- | --- | --- | --- | --- | --- |
| ≤ 18 | 8,029 | 5,841 | 32 | 1,756 | 8 | 392 | 7,990 | 5,841 | 17 | 1,735 | 7 | 390 |
| | | | | | | | | | | Total trips: | 17,759 | |

BELLINGHAM BAY AND HARBOR, WA
Inbound

Outbound

| Grand Total | 1,846 | 538 | 22 | 1,110 | 142 | 34 | 1,852 | 535 | 24 | 1,122 | 129 | 42 |
|-------------|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|
| FOREIGN | | | | | | | | | | | | |
| Total | 293 | 207 | 18 | 34 | 33 | 1 | 294 | 202 | 19 | 34 | 38 | 1 |
| 33 | 1 | 1 | --- | --- | --- | --- | 5 | 3 | 2 | --- | --- | --- |
| 32 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | 1 | 1 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 30 | --- | --- | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 29 | --- | --- | --- | --- | --- | --- | 6 | 5 | 1 | --- | --- | --- |
| 28 | 4 | 3 | 1 | --- | --- | --- | 11 | 8 | 3 | --- | --- | --- |
| 27 | 5 | 5 | --- | --- | --- | --- | 8 | 7 | 1 | --- | --- | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

BELLINGHAM BAY AND HARBOR, WA - continued

Inbound

Outbound

FOREIGN

| | | | | | | | | | | | | |
|------|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 26 | 11 | 9 | 2 | --- | --- | --- | 6 | 3 | 3 | --- | --- | --- |
| 25 | 7 | 5 | 2 | --- | --- | --- | 7 | 6 | 1 | --- | --- | --- |
| 24 | 11 | 10 | 1 | --- | --- | --- | 8 | 7 | 1 | --- | --- | --- |
| 23 | 4 | 1 | 3 | --- | --- | --- | 4 | 2 | 2 | --- | --- | --- |
| 22 | 4 | 1 | 1 | --- | 2 | --- | 4 | 2 | 2 | --- | --- | --- |
| 21 | 3 | 1 | 2 | --- | --- | --- | 3 | 2 | --- | 1 | --- | --- |
| 20 | 13 | 3 | 2 | 5 | 3 | --- | 9 | 2 | 1 | 5 | 1 | --- |
| 19 | 9 | 7 | 2 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| ≤ 18 | 219 | 159 | 2 | 29 | 28 | 1 | 218 | 151 | 1 | 28 | 37 | 1 |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-------|-----|
| Total | 1,553 | 331 | 4 | 1,076 | 109 | 33 | 1,558 | 333 | 5 | 1,088 | 91 | 41 |
| 33 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 28 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 26 | 1 | --- | 1 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 25 | 1 | --- | 1 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 24 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 22 | 201 | --- | --- | 201 | --- | --- | 220 | --- | --- | 220 | --- | --- |
| ≤ 18 | 1,350 | 331 | 2 | 875 | 109 | 33 | 1,333 | 333 | --- | 868 | 91 | 41 |
| Total trips: | | | | | | | | | | | 3,698 | |

BLAINE HARBOR, WA

No Vessel Trips Reported

COLUMBIA RIVER BETWEEN WENATCHEE AND KETTLE FALLS, WA

(8 feet and less)

Upbound

Downbound

| | | | | | | | | | | | | |
|--------------|--------|--------|------|------|------|------|--------|--------|------|---|--------|------|
| Grand | | | | | | | | | | | | |
| Total | 14,000 | 14,000 | ---- | ---- | ---- | ---- | 14,004 | 14,000 | ---- | 4 | ---- | ---- |
| Total trips: | | | | | | | | | | | 28,004 | |

FLATHEAD LAKE, MT

No Vessel Trips Reported

HOQUIAM RIVER, WA

(14 feet and less)

Upbound

Downbound

| | | | | | | | | | | | | |
|--------------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|
| Grand | | | | | | | | | | | | |
| Total | 172 | ---- | ---- | 172 | ---- | ---- | 170 | ---- | ---- | 170 | ---- | ---- |
| Total trips: | | | | | | | | | | | 342 | |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

KOOTENAI RIVER, ID AND MT
No Vessel Trips Reported**NEAH BAY, WA**
(22 feet and less)

| | | | | | | | | | | | | |
|-------------|--------------|------|------|---|---|---|----------|------|------|---|----|---|
| | Inbound | | | | | | Outbound | | | | | |
| Grand Total | 7 | ---- | ---- | 4 | 1 | 2 | 9 | ---- | ---- | 5 | 2 | 2 |
| | Total trips: | | | | | | | | | | 16 | |

QUILLAYUTE RIVER, WA
No Vessel Trips Reported**SKAGIT RIVER, WA**
(3 feet and less)

| | | | | | | | | | | | | |
|-------------|--------------|----|------|------|------|------|-----------|----|------|------|------|------|
| | Upbound | | | | | | Downbound | | | | | |
| Grand Total | 12 | 12 | ---- | ---- | ---- | ---- | 12 | 12 | ---- | ---- | ---- | ---- |
| | Total trips: | | | | | | | | | | 24 | |

STILLAGUAMISH RIVER, WA
No Vessel Trips Reported**WATERWAY CONNECTING PORT TOWNSEND BAY AND OAK BAY, WA**
(17 feet and less)

| | | | | | | | | | | | | |
|-------------|--------------|---|------|----|------|------|-----------|---|------|----|------|------|
| | Upbound | | | | | | Downbound | | | | | |
| Grand Total | 86 | 1 | ---- | 85 | ---- | ---- | 67 | 1 | ---- | 66 | ---- | ---- |
| | Total trips: | | | | | | | | | | 153 | |

WILLAPA RIVER AND HARBOR, AND NASELLE RIVER, WA
(12 feet and less)

| | | | | | | | | | | | | |
|-------------|--------------|------|------|------|---|---|----------|------|------|------|----|---|
| | Inbound | | | | | | Outbound | | | | | |
| Grand Total | 8 | ---- | ---- | ---- | 3 | 5 | 10 | ---- | ---- | ---- | 4 | 6 |
| | Total trips: | | | | | | | | | | 18 | |

COEUR D'ALENE LAKE AND ST. JOE RIVER, ID
(7 feet and less)

| | | | | | | | | | | | | |
|-------------|--------------|------|------|-----|------|------|-----------|------|------|-----|-------|------|
| | Upbound | | | | | | Downbound | | | | | |
| Grand Total | 848 | ---- | ---- | 848 | ---- | ---- | 848 | ---- | ---- | 848 | ---- | ---- |
| | Total trips: | | | | | | | | | | 1,696 | |

WCSC: PACIFIC COAST, ALASKA AND HAWAII

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

OTHER PUGET SOUND AREA PORTS, WA
(55 feet and less)

| Inbound | | | | | | | Outbound | | | | | |
|-------------|---------|---------|-----|-------|-------|-----|----------|---------|-----|--------------|-------|-----|
| Grand Total | 113,349 | 105,867 | 280 | 5,147 | 1,286 | 769 | 113,581 | 105,835 | 297 | 5,268 | 1,396 | 785 |
| | | | | | | | | | | Total trips: | | |
| | | | | | | | | | | 226,930 | | |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

METLAKATLA HARBOR, AK

| | | | | | | | | | | | | |
|-------------|---------|-----|------|-----|-----|---|----------|-----|------|-----|-----|---|
| | Inbound | | | | | | Outbound | | | | | |
| Grand Total | 590 | 240 | ---- | 104 | 242 | 4 | 597 | 249 | ---- | 103 | 241 | 4 |

FOREIGN

| | | | | | | | | | | | | |
|-------|-----|-----|------|-----|-----|------|----|-----|------|-----|-----|------|
| Total | 17 | 15 | ---- | 1 | 1 | ---- | 27 | 25 | ---- | 1 | 1 | ---- |
| 24 | --- | --- | --- | --- | --- | --- | 12 | 12 | --- | --- | --- | --- |
| 21 | 7 | 7 | --- | --- | --- | --- | 7 | 7 | --- | --- | --- | --- |
| 18 | 8 | 8 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 13 | 2 | --- | --- | 1 | 1 | --- | 1 | --- | --- | 1 | --- | --- |
| 12 | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | 1 | --- |
| 10 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|-----|-----|------|-----|-----|-----|-----|-----|------|-----|-------|-----|
| Total | 573 | 225 | ---- | 103 | 241 | 4 | 570 | 224 | ---- | 102 | 240 | 4 |
| 15 | 67 | 67 | --- | --- | --- | --- | 67 | 67 | --- | --- | --- | --- |
| 13 | 153 | 153 | --- | --- | --- | --- | 153 | 153 | --- | --- | --- | --- |
| 12 | 18 | --- | --- | 18 | --- | --- | 18 | --- | --- | 18 | --- | --- |
| 10 | 29 | --- | --- | 28 | 1 | --- | 28 | --- | --- | 28 | --- | --- |
| 9 | 31 | 1 | --- | 20 | 9 | 1 | 29 | 1 | --- | 21 | 7 | --- |
| 8 | 6 | --- | --- | 6 | --- | --- | 5 | --- | --- | 4 | --- | 1 |
| 7 | 3 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- | 3 | --- |
| 6 | 36 | 4 | --- | 31 | --- | 1 | 43 | 3 | --- | 31 | 9 | --- |
| 5 | 1 | --- | --- | --- | 1 | --- | 42 | --- | --- | --- | 42 | --- |
| 4 | 52 | --- | --- | --- | 51 | 1 | 110 | --- | --- | --- | 109 | 1 |
| 3 | 2 | --- | --- | --- | 1 | 1 | 10 | --- | --- | --- | 8 | 2 |
| 2 | 175 | --- | --- | --- | 175 | --- | 62 | --- | --- | --- | 62 | --- |
| Total trips: | | | | | | | | | | | 1,187 | |

KETCHIKAN HARBOR, AK

| | | | | | | | | | | | | |
|-------------|---------|-------|----|-----|-----|----|----------|-------|----|-----|-----|----|
| | Inbound | | | | | | Outbound | | | | | |
| Grand Total | 3,965 | 2,141 | 10 | 875 | 864 | 75 | 3,798 | 1,945 | 11 | 883 | 875 | 84 |

FOREIGN

| | | | | | | | | | | | | |
|-------|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|------|
| Total | 894 | 831 | ---- | 29 | 34 | ---- | 708 | 637 | ---- | 35 | 36 | ---- |
| 34 | 1 | 1 | --- | --- | --- | --- | 10 | 10 | --- | --- | --- | --- |
| 30 | --- | --- | --- | --- | --- | --- | 32 | 32 | --- | --- | --- | --- |
| 29 | 27 | 27 | --- | --- | --- | --- | 20 | 20 | --- | --- | --- | --- |
| 28 | 19 | 19 | --- | --- | --- | --- | 78 | 78 | --- | --- | --- | --- |
| 27 | 68 | 68 | --- | --- | --- | --- | 41 | 41 | --- | --- | --- | --- |
| 26 | 52 | 52 | --- | --- | --- | --- | 14 | 14 | --- | --- | --- | --- |
| 25 | 6 | 6 | --- | --- | --- | --- | 91 | 91 | --- | --- | --- | --- |
| 24 | 79 | 79 | --- | --- | --- | --- | 22 | 22 | --- | --- | --- | --- |
| 23 | 22 | 22 | --- | --- | --- | --- | 56 | 56 | --- | --- | --- | --- |
| 22 | 57 | 57 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

KETCHIKAN HARBOR, AK - continued
Inbound

Outbound

FOREIGN

| | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 21 | 41 | 41 | --- | --- | --- | --- | 29 | 29 | --- | --- | --- | --- |
| 19 | 1 | 1 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 18 | 40 | 40 | --- | --- | --- | --- | 24 | 24 | --- | --- | --- | --- |
| 16 | 3 | 1 | --- | 2 | --- | --- | 3 | 1 | --- | 2 | --- | --- |
| 15 | 12 | 9 | --- | 1 | 2 | --- | 6 | 5 | --- | --- | 1 | --- |
| 14 | 4 | 1 | --- | 3 | --- | --- | 15 | 5 | --- | 10 | --- | --- |
| 13 | 12 | 9 | --- | 3 | --- | --- | 9 | 8 | --- | 1 | --- | --- |
| ≤ 12 | 450 | 398 | --- | 20 | 32 | --- | 255 | 198 | --- | 22 | 35 | --- |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|--------------|--------------|-----------|------------|------------|-----------|--------------|--------------|-----------|---------------------|------------|--------------|
| Total | 3,071 | 1,310 | 10 | 846 | 830 | 75 | 3,090 | 1,308 | 11 | 848 | 839 | 84 |
| 36 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 34 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 28 | 2 | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 27 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 26 | 3 | --- | 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 25 | 1 | --- | 1 | --- | --- | --- | 6 | --- | 6 | --- | --- | --- |
| 24 | 1 | --- | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 22 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 20 | 1 | --- | 1 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 18 | 2 | --- | --- | 2 | --- | --- | 2 | --- | --- | 2 | --- | --- |
| 17 | 7 | --- | --- | 7 | --- | --- | 5 | --- | --- | 5 | --- | --- |
| 16 | 50 | --- | --- | 48 | --- | 2 | 49 | --- | --- | 47 | --- | 2 |
| 15 | 676 | 630 | --- | 17 | 18 | 11 | 659 | 630 | --- | 15 | 3 | 11 |
| 14 | 22 | --- | --- | 10 | 11 | 1 | 15 | --- | --- | 7 | 8 | --- |
| 13 | 505 | 498 | --- | 6 | --- | 1 | 506 | 498 | --- | 8 | --- | --- |
| ≤ 12 | 1,799 | 182 | --- | 756 | 801 | 60 | 1,843 | 180 | --- | 764 | 828 | 71 |
| | | | | | | | | | | Total trips: | | 7,763 |

WRANGELL HARBOR, AK

Inbound

Outbound

| | | | | | | | | | | | | |
|--------------------|--------------|------------|------------|------------|------------|-----------|--------------|------------|------------|------------|------------|-----------|
| Grand Total | 1,732 | 535 | --- | 733 | 436 | 28 | 1,688 | 532 | --- | 725 | 406 | 25 |
|--------------------|--------------|------------|------------|------------|------------|-----------|--------------|------------|------------|------------|------------|-----------|

FOREIGN

| | | | | | | | | | | | | |
|--------------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|-----------|-----------|------------|
| Total | 78 | 44 | --- | 16 | 18 | --- | 75 | 41 | --- | 17 | 17 | --- |
| 19 | 21 | 21 | --- | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| 18 | 12 | 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | 3 | 3 | --- | --- | --- | --- | 29 | 29 | --- | --- | --- | --- |
| 15 | 6 | 6 | --- | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| ≤ 12 | 36 | 2 | --- | 16 | 18 | --- | 34 | --- | --- | 17 | 17 | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

WRANGELL HARBOR, AK - continued
Inbound

Outbound

DOMESTIC

| | | | | | | | | | | | | |
|--------------|-------|------|------|-----|------|------|-------|------|------|------|-------|------|
| Total | 1,654 | 491 | ---- | 717 | 418 | 28 | 1,613 | 491 | ---- | 708 | 389 | 25 |
| 17 | 2 | ---- | ---- | 2 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 16 | 5 | ---- | ---- | 5 | ---- | ---- | 4 | ---- | ---- | 4 | ---- | ---- |
| 15 | 445 | 437 | ---- | 8 | ---- | ---- | 447 | 436 | ---- | 10 | 1 | ---- |
| 14 | 4 | ---- | ---- | 4 | ---- | ---- | 6 | ---- | ---- | 6 | ---- | ---- |
| 13 | 12 | 1 | ---- | 11 | ---- | ---- | 19 | ---- | ---- | 9 | 10 | ---- |
| ≤ 12 | 1,186 | 53 | ---- | 687 | 418 | 28 | 1,137 | 55 | ---- | 679 | 378 | 25 |
| Total trips: | | | | | | | | | | | 3,420 | |

WRANGELL NARROWS, AK

Upbound

Downbound

| | | | | | | | | | | | | |
|-------------|-------|-------|------|-----|-----|----|-------|-----|------|-----|-----|----|
| Grand Total | 2,298 | 1,184 | ---- | 604 | 443 | 67 | 1,785 | 716 | ---- | 608 | 421 | 40 |
|-------------|-------|-------|------|-----|-----|----|-------|-----|------|-----|-----|----|

FOREIGN

| | | | | | | | | | | | | |
|-------|---|---|------|------|------|------|---|---|------|------|------|------|
| Total | 1 | 1 | ---- | ---- | ---- | ---- | 3 | 3 | ---- | ---- | ---- | ---- |
| ≤ 12 | 1 | 1 | ---- | ---- | ---- | ---- | 3 | 3 | ---- | ---- | ---- | ---- |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|-------|-------|------|-----|------|------|-------|------|------|-----|-------|------|
| Total | 2,297 | 1,183 | ---- | 604 | 443 | 67 | 1,782 | 713 | ---- | 608 | 421 | 40 |
| 17 | 3 | ---- | ---- | 3 | ---- | ---- | 7 | ---- | ---- | 7 | ---- | ---- |
| 16 | 48 | ---- | ---- | 48 | ---- | ---- | 46 | ---- | ---- | 46 | ---- | ---- |
| 15 | 977 | 958 | ---- | 18 | 1 | ---- | 540 | 522 | ---- | 17 | 1 | ---- |
| 14 | 16 | ---- | ---- | 1 | 15 | ---- | 13 | ---- | ---- | 1 | 12 | ---- |
| 13 | 8 | 3 | ---- | 4 | 1 | ---- | 6 | 3 | ---- | 3 | ---- | ---- |
| ≤ 12 | 1,245 | 222 | ---- | 530 | 426 | 67 | 1,170 | 188 | ---- | 534 | 408 | 40 |
| Total trips: | | | | | | | | | | | 4,083 | |

HOONAH HARBOR, AK

Inbound

Outbound

| | | | | | | | | | | | | |
|-------------|-----|-----|------|----|----|---|-----|-----|------|----|----|---|
| Grand Total | 417 | 270 | ---- | 80 | 64 | 3 | 413 | 268 | ---- | 77 | 65 | 3 |
|-------------|-----|-----|------|----|----|---|-----|-----|------|----|----|---|

FOREIGN

| | | | | | | | | | | | | |
|-------|----|------|------|------|------|------|------|------|------|------|------|------|
| Total | 28 | 25 | ---- | ---- | 3 | ---- | 26 | 22 | ---- | ---- | 4 | ---- |
| 19 | 21 | 21 | ---- | ---- | ---- | ---- | 23 | 22 | ---- | ---- | 1 | ---- |
| 18 | 4 | 4 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 17 | 1 | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- | 1 | ---- |
| 16 | 1 | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- | 1 | ---- |
| 15 | 1 | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- | 1 | ---- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

HOONAH HARBOR, AK - continued

Inbound

Outbound

DOMESTIC

| | | | | | | | | | | | | |
|---------------------|------------|------------|-------------|-----------|-----------|----------|------------|------------|-------------|-----------|------------|----------|
| Total | 389 | 245 | ---- | 80 | 61 | 3 | 387 | 246 | ---- | 77 | 61 | 3 |
| 15 | 238 | 238 | ---- | ---- | ---- | ---- | 238 | 238 | ---- | ---- | ---- | ---- |
| 14 | 2 | ---- | ---- | 1 | 1 | ---- | 2 | ---- | ---- | 1 | 1 | ---- |
| 13 | 4 | 3 | ---- | 1 | ---- | ---- | 4 | 3 | ---- | 1 | ---- | ---- |
| 12 | 17 | ---- | ---- | 4 | 13 | ---- | 24 | ---- | ---- | 4 | 20 | ---- |
| 11 | 8 | ---- | ---- | 8 | ---- | ---- | 8 | ---- | ---- | 8 | ---- | ---- |
| 10 | 42 | ---- | ---- | 40 | 2 | ---- | 39 | ---- | ---- | 39 | ---- | ---- |
| 9 | 4 | 1 | ---- | 3 | ---- | ---- | 19 | 1 | ---- | 3 | 15 | ---- |
| 8 | 15 | ---- | ---- | 14 | 1 | ---- | 15 | 1 | ---- | 14 | ---- | ---- |
| 7 | 12 | 2 | ---- | 9 | ---- | 1 | 8 | 1 | ---- | 7 | ---- | ---- |
| 6 | 23 | ---- | ---- | ---- | 22 | 1 | 4 | 1 | ---- | ---- | 1 | 2 |
| 5 | 1 | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- | 1 | ---- |
| 4 | 1 | 1 | ---- | ---- | ---- | ---- | 8 | 1 | ---- | ---- | 7 | ---- |
| 3 | 12 | ---- | ---- | ---- | 11 | 1 | 7 | ---- | ---- | ---- | 6 | 1 |
| 2 | 10 | ---- | ---- | ---- | 10 | ---- | 10 | ---- | ---- | ---- | 10 | ---- |
| Total trips: | | | | | | | | | | | 830 | |

VALDEZ HARBOR, AK

Inbound

Outbound

| | | | | | | | | | | | | |
|--------------------|--------------|--------------|------------|-----------|-----------|----------|--------------|--------------|------------|-----------|-----------|-----------|
| Grand Total | 1,799 | 1,066 | 655 | 49 | 21 | 8 | 1,860 | 1,065 | 698 | 62 | 21 | 14 |
|--------------------|--------------|--------------|------------|-----------|-----------|----------|--------------|--------------|------------|-----------|-----------|-----------|

FOREIGN

| | | | | | | | | | | | | |
|--------------|-----------|----------|-----------|----------|----------|-------------|-----------|----------|-----------|----------|----------|-------------|
| Total | 28 | 1 | 25 | 1 | 1 | ---- | 44 | 1 | 39 | 2 | 2 | ---- |
| 75 | ---- | ---- | ---- | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 72 | ---- | ---- | ---- | ---- | ---- | ---- | 6 | ---- | 6 | ---- | ---- | ---- |
| 71 | ---- | ---- | ---- | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 70 | ---- | ---- | ---- | ---- | ---- | ---- | 7 | ---- | 7 | ---- | ---- | ---- |
| 66 | ---- | ---- | ---- | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 65 | ---- | ---- | ---- | ---- | ---- | ---- | 4 | ---- | 4 | ---- | ---- | ---- |
| 60 | ---- | ---- | ---- | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 59 | ---- | ---- | ---- | ---- | ---- | ---- | 7 | ---- | 7 | ---- | ---- | ---- |
| 58 | ---- | ---- | ---- | ---- | ---- | ---- | 6 | ---- | 6 | ---- | ---- | ---- |
| 57 | ---- | ---- | ---- | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 56 | ---- | ---- | ---- | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 47 | ---- | ---- | ---- | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 40 | 1 | ---- | 1 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 39 | ---- | ---- | ---- | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 38 | 11 | ---- | 11 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 37 | 4 | ---- | 4 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 36 | 4 | ---- | 4 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 35 | 1 | ---- | 1 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 34 | 2 | ---- | 2 | ---- | ---- | ---- | 1 | ---- | 1 | ---- | ---- | ---- |
| 31 | 1 | ---- | 1 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 26 | 1 | ---- | 1 | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- | ---- |
| 18 | 1 | 1 | ---- | ---- | ---- | ---- | 1 | 1 | ---- | ---- | ---- | ---- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

VALDEZ HARBOR, AK - continued

Inbound

Outbound

FOREIGN

| | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|---|-----|-----|---|-----|-----|
| 15 | --- | --- | --- | --- | --- | --- | 1 | --- | --- | 1 | --- | --- |
| ≤ 12 | 2 | --- | --- | 1 | 1 | --- | 3 | --- | --- | 1 | 2 | --- |

DOMESTIC

| | | | | | | | | | | | | |
|-------|-------|-------|-----|-----|-----|-----|-------|-------|-----|-----|-----|-----|
| Total | 1,771 | 1,065 | 630 | 48 | 20 | 8 | 1,816 | 1,064 | 659 | 60 | 19 | 14 |
| 72 | --- | --- | --- | --- | --- | --- | 4 | --- | 4 | --- | --- | --- |
| 71 | --- | --- | --- | --- | --- | --- | 8 | --- | 8 | --- | --- | --- |
| 67 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 66 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 65 | --- | --- | --- | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 60 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 59 | 1 | --- | 1 | --- | --- | --- | 9 | --- | 9 | --- | --- | --- |
| 58 | 2 | --- | 2 | --- | --- | --- | 28 | --- | 28 | --- | --- | --- |
| 57 | --- | --- | --- | --- | --- | --- | 92 | --- | 92 | --- | --- | --- |
| 56 | --- | --- | --- | --- | --- | --- | 14 | --- | 14 | --- | --- | --- |
| 55 | --- | --- | --- | --- | --- | --- | 15 | --- | 15 | --- | --- | --- |
| 54 | --- | --- | --- | --- | --- | --- | 17 | --- | 17 | --- | --- | --- |
| 53 | --- | --- | --- | --- | --- | --- | 35 | --- | 35 | --- | --- | --- |
| 52 | --- | --- | --- | --- | --- | --- | 49 | --- | 49 | --- | --- | --- |
| 51 | --- | --- | --- | --- | --- | --- | 39 | --- | 39 | --- | --- | --- |
| 50 | --- | --- | --- | --- | --- | --- | 47 | --- | 47 | --- | --- | --- |
| 49 | 1 | --- | 1 | --- | --- | --- | 17 | --- | 17 | --- | --- | --- |
| 48 | --- | --- | --- | --- | --- | --- | 22 | --- | 22 | --- | --- | --- |
| 47 | --- | --- | --- | --- | --- | --- | 14 | --- | 14 | --- | --- | --- |
| 46 | 1 | --- | 1 | --- | --- | --- | 21 | --- | 21 | --- | --- | --- |
| 45 | --- | --- | --- | --- | --- | --- | 6 | --- | 6 | --- | --- | --- |
| 44 | 3 | --- | 3 | --- | --- | --- | 31 | --- | 31 | --- | --- | --- |
| 43 | 4 | --- | 4 | --- | --- | --- | 24 | --- | 24 | --- | --- | --- |
| 42 | 7 | --- | 7 | --- | --- | --- | 25 | --- | 25 | --- | --- | --- |
| 41 | 2 | --- | 2 | --- | --- | --- | 43 | --- | 43 | --- | --- | --- |
| 40 | 20 | --- | 20 | --- | --- | --- | 51 | --- | 51 | --- | --- | --- |
| 39 | 13 | --- | 13 | --- | --- | --- | 7 | --- | 7 | --- | --- | --- |
| 38 | 34 | --- | 34 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 37 | 20 | --- | 20 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 36 | 27 | --- | 27 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 35 | 16 | --- | 16 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 34 | 15 | --- | 15 | --- | --- | --- | 21 | --- | 21 | --- | --- | --- |
| 33 | 24 | --- | 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 32 | 48 | --- | 48 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 31 | 13 | --- | 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 30 | 38 | --- | 38 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 29 | 13 | --- | 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 28 | 16 | --- | 16 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 27 | 5 | --- | 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 26 | 6 | --- | 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 25 | 57 | --- | 57 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 24 | 94 | --- | 94 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23 | 30 | --- | 30 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | 4 | --- | 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21 | 2 | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

VALDEZ HARBOR, AK - continued

Inbound

Outbound

DOMESTIC

| | | | | | | | | | | | | |
|--------------|-------|-------|-----|-----|-----|-----|-------|-------|-----|-----|-------|-----|
| 20 | 33 | --- | 32 | 1 | --- | --- | 1 | --- | --- | 1 | --- | --- |
| 18 | 3 | --- | 2 | 1 | --- | --- | 1 | --- | --- | 1 | --- | --- |
| 17 | 1 | --- | --- | 1 | --- | --- | 1 | --- | --- | 1 | --- | --- |
| 16 | --- | --- | --- | --- | --- | --- | 4 | --- | --- | --- | --- | 4 |
| 15 | 9 | --- | --- | 9 | --- | --- | 12 | --- | --- | 9 | 1 | 2 |
| 14 | 42 | 33 | --- | 9 | --- | --- | 52 | 33 | --- | 16 | 2 | 1 |
| 13 | 2 | 1 | --- | 1 | --- | --- | 1 | --- | --- | 1 | --- | --- |
| ≤ 12 | 1,165 | 1,031 | 80 | 26 | 20 | 8 | 1,085 | 1,031 | --- | 31 | 16 | 7 |
| Total trips: | | | | | | | | | | | 3,659 | |

SEWARD HARBOR, AK

Inbound

Outbound

| | | | | | | | | | | | | |
|-------------|-----|-----|-----|----|----|---|-----|-----|-----|----|----|---|
| Grand Total | 498 | 391 | --- | 56 | 50 | 1 | 499 | 390 | --- | 57 | 50 | 2 |
|-------------|-----|-----|-----|----|----|---|-----|-----|-----|----|----|---|

FOREIGN

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Total | 125 | 124 | --- | 1 | --- | --- | 126 | 124 | --- | 1 | --- | 1 |
| 38 | --- | --- | --- | --- | --- | --- | 4 | 4 | --- | --- | --- | --- |
| 33 | 2 | 2 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 32 | 2 | 2 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 31 | 3 | 3 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 30 | 2 | 2 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 29 | 1 | 1 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 28 | 8 | 8 | --- | --- | --- | --- | 9 | 9 | --- | --- | --- | --- |
| 27 | 29 | 29 | --- | --- | --- | --- | 28 | 28 | --- | --- | --- | --- |
| 26 | 21 | 21 | --- | --- | --- | --- | 20 | 20 | --- | --- | --- | --- |
| 25 | 3 | 3 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 24 | 21 | 21 | --- | --- | --- | --- | 20 | 20 | --- | --- | --- | --- |
| 23 | 5 | 5 | --- | --- | --- | --- | 4 | 4 | --- | --- | --- | --- |
| 22 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21 | 2 | 2 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 20 | 2 | 2 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 19 | 1 | 1 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 18 | 12 | 12 | --- | --- | --- | --- | 11 | 11 | --- | --- | --- | --- |
| 17 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 16 | 2 | 2 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 15 | 3 | 3 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 14 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 13 | 1 | 1 | --- | --- | --- | --- | 2 | 1 | --- | --- | --- | 1 |
| 12 | 1 | --- | --- | 1 | --- | --- | 1 | --- | --- | 1 | --- | --- |
| 11 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |

DOMESTIC

| | | | | | | | | | | | | |
|-------|-----|-----|-----|----|-----|-----|-----|-----|-----|----|-----|-----|
| Total | 373 | 267 | --- | 55 | 50 | 1 | 373 | 266 | --- | 56 | 50 | 1 |
| 15 | 3 | --- | --- | 2 | --- | 1 | 3 | --- | --- | 2 | 1 | --- |
| 14 | 53 | 52 | --- | 1 | --- | --- | 54 | 52 | --- | 1 | --- | 1 |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

SEWARD HARBOR, AK - continued

Inbound

Outbound

DOMESTIC

| | | | | | | | | | | | | |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 13 | 8 | --- | --- | 7 | 1 | --- | 5 | --- | --- | 5 | --- | --- |
| 12 | 3 | --- | --- | 1 | 2 | --- | 4 | --- | --- | 1 | 3 | --- |
| 11 | 40 | --- | --- | 39 | 1 | --- | 42 | --- | --- | 40 | 2 | --- |
| 10 | 142 | 141 | --- | --- | 1 | --- | 143 | 141 | --- | 2 | --- | --- |
| 9 | 74 | 70 | --- | 4 | --- | --- | 74 | 70 | --- | 4 | --- | --- |
| 8 | 2 | --- | --- | 1 | 1 | --- | 1 | --- | --- | 1 | --- | --- |
| 7 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 6 | 1 | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- | --- |
| 5 | 1 | 1 | --- | --- | --- | --- | 1 | --- | --- | --- | 1 | --- |
| 4 | 4 | --- | --- | --- | 4 | --- | 3 | --- | --- | --- | 3 | --- |
| 3 | 12 | --- | --- | --- | 12 | --- | 9 | --- | --- | --- | 9 | --- |
| 2 | 29 | 2 | --- | --- | 27 | --- | 33 | 2 | --- | --- | 31 | --- |
| Total trips: | | | | | | | | | | | 997 | |

HOMER, AK

Inbound

Outbound

| | | | | | | | | | | | | |
|-------------|-----|-----|---|---|---|---|-----|-----|---|---|---|---|
| Grand Total | 241 | 220 | 5 | 8 | 5 | 3 | 250 | 231 | 5 | 8 | 4 | 2 |
|-------------|-----|-----|---|---|---|---|-----|-----|---|---|---|---|

FOREIGN

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|
| Total | 52 | 47 | 5 | --- | --- | --- | 58 | 49 | 5 | 2 | 2 | --- |
| 27 | 12 | 11 | 1 | --- | --- | --- | 20 | 19 | 1 | --- | --- | --- |
| 26 | 2 | 2 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 25 | 7 | 6 | 1 | --- | --- | --- | 4 | 3 | 1 | --- | --- | --- |
| 24 | 7 | 4 | 3 | --- | --- | --- | 5 | 2 | 3 | --- | --- | --- |
| 23 | 3 | 3 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 22 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 21 | 6 | 6 | --- | --- | --- | --- | 5 | 5 | --- | --- | --- | --- |
| 20 | 2 | 2 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 19 | 3 | 3 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 18 | 4 | 4 | --- | --- | --- | --- | 5 | 4 | --- | --- | 1 | --- |
| 17 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 16 | 1 | 1 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 15 | 2 | 2 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 14 | 1 | 1 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | 1 | --- |
| 6 | --- | --- | --- | --- | --- | --- | 2 | --- | --- | 2 | --- | --- |

DOMESTIC

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Total | 189 | 173 | --- | 8 | 5 | 3 | 192 | 182 | --- | 6 | 2 | 2 |
| 18 | 1 | --- | --- | 1 | --- | --- | 1 | --- | --- | 1 | --- | --- |
| 16 | 1 | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- | --- |
| 15 | 2 | --- | --- | 2 | --- | --- | 2 | --- | --- | 2 | --- | --- |
| 14 | 116 | 115 | --- | 1 | --- | --- | 116 | 115 | --- | 1 | --- | --- |
| 12 | 1 | --- | --- | 1 | --- | --- | 1 | --- | --- | 1 | --- | --- |
| 11 | 2 | --- | --- | 2 | --- | --- | 1 | --- | --- | 1 | --- | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

HOMER, AK - continued

Inbound

Outbound

DOMESTIC

| | | | | | | | | | | | | |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------|-----|
| 10 | 3 | 1 | --- | 1 | --- | 1 | 1 | --- | --- | --- | --- | 1 |
| 9 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | 1 | --- | --- | --- | --- | 1 | 2 | 1 | --- | --- | 1 | --- |
| 6 | --- | --- | --- | --- | --- | --- | 2 | 1 | --- | --- | 1 | --- |
| 5 | 2 | --- | --- | --- | 2 | --- | 1 | 1 | --- | --- | --- | --- |
| 4 | 40 | 37 | --- | --- | 2 | 1 | 51 | 51 | --- | --- | --- | --- |
| 3 | 17 | 17 | --- | --- | --- | --- | 11 | 10 | --- | --- | --- | 1 |
| 2 | 2 | 2 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| Total trips: | | | | | | | | | | | 491 | |

ANCHORAGE, AK

Inbound

Outbound

| | | | | | | | | | | | | |
|--------------------|------------|------------|-----------|-----------|-----------|-----------|------------|------------|-----------|-----------|-----------|-----------|
| Grand Total | 379 | 239 | 25 | 66 | 38 | 11 | 379 | 232 | 26 | 67 | 43 | 11 |
|--------------------|------------|------------|-----------|-----------|-----------|-----------|------------|------------|-----------|-----------|-----------|-----------|

FOREIGN

| | | | | | | | | | | | | |
|--------------|-----------|-----------|-----------|-----|-----|-----|-----------|-----------|-----------|----------|-----|----------|
| Total | 35 | 23 | 12 | --- | --- | --- | 28 | 14 | 12 | 1 | --- | 1 |
| 35 | 1 | --- | 1 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 33 | 3 | --- | 3 | --- | --- | --- | 3 | --- | 3 | --- | --- | --- |
| 32 | 2 | 1 | 1 | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 31 | 1 | --- | 1 | --- | --- | --- | 2 | 1 | 1 | --- | --- | --- |
| 30 | 1 | 1 | --- | --- | --- | --- | 2 | 1 | 1 | --- | --- | --- |
| 29 | 2 | 2 | --- | --- | --- | --- | 2 | 1 | 1 | --- | --- | --- |
| 28 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 27 | 5 | 5 | --- | --- | --- | --- | 6 | 5 | 1 | --- | --- | --- |
| 26 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 25 | 3 | 2 | 1 | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 24 | 5 | 2 | 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22 | 2 | --- | 2 | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 20 | 3 | 3 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 18 | 2 | 2 | --- | --- | --- | --- | 2 | 1 | --- | --- | --- | 1 |
| 17 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | 2 | 2 | --- | --- | --- | --- | 2 | 1 | --- | 1 | --- | --- |

DOMESTIC

| | | | | | | | | | | | | |
|--------------|------------|------------|-----------|-----------|-----------|-----------|------------|------------|-----------|-----------|-----------|-----------|
| Total | 344 | 216 | 13 | 66 | 38 | 11 | 351 | 218 | 14 | 66 | 43 | 10 |
| 35 | 4 | --- | 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 33 | 20 | 19 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 32 | 35 | 33 | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 31 | 13 | 12 | 1 | --- | --- | --- | 4 | 4 | --- | --- | --- | --- |
| 30 | 6 | 6 | --- | --- | --- | --- | 10 | 9 | 1 | --- | --- | --- |
| 29 | 6 | 4 | 2 | --- | --- | --- | 24 | 21 | 3 | --- | --- | --- |
| 28 | --- | --- | --- | --- | --- | --- | 28 | 28 | --- | --- | --- | --- |
| 27 | 1 | 1 | --- | --- | --- | --- | 18 | 18 | --- | --- | --- | --- |
| 26 | --- | --- | --- | --- | --- | --- | 13 | 10 | 3 | --- | --- | --- |
| 25 | 123 | 122 | 1 | --- | --- | --- | 124 | 122 | 2 | --- | --- | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

ANCHORAGE, AK - continued

Inbound

Outbound

DOMESTIC

| | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------|-----|
| 24 | 14 | 14 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 23 | --- | --- | --- | --- | --- | --- | 2 | --- | 2 | --- | --- | --- |
| 21 | --- | --- | --- | --- | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 20 | 1 | --- | --- | 1 | --- | --- | 1 | --- | 1 | --- | --- | --- |
| 18 | 3 | --- | --- | --- | --- | 3 | --- | --- | --- | --- | --- | --- |
| 16 | 2 | 1 | --- | --- | 1 | --- | 2 | 1 | --- | --- | --- | 1 |
| 15 | 17 | --- | --- | 12 | --- | 5 | 18 | --- | --- | 14 | --- | 4 |
| 14 | 15 | --- | --- | 12 | 2 | 1 | 12 | --- | --- | 11 | --- | 1 |
| 13 | 2 | --- | --- | 1 | 1 | --- | 2 | --- | --- | 1 | 1 | --- |
| ≤ 12 | 82 | 4 | 2 | 40 | 34 | 2 | 91 | 4 | 1 | 40 | 42 | 4 |
| | | | | | | | | | | | Total trips: | 758 |

KODIAK HARBOR, AK

Inbound

Outbound

| | | | | | | | | | | | | |
|----------------|-----|-----|---|----|-----|----|-----|-----|-----|----|-----|---|
| Grand Total | 572 | 329 | 2 | 80 | 151 | 10 | 560 | 323 | --- | 79 | 150 | 8 |
|----------------|-----|-----|---|----|-----|----|-----|-----|-----|----|-----|---|

FOREIGN

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Total | 135 | 13 | --- | 1 | 121 | --- | 134 | 13 | --- | --- | 121 | --- |
| 24 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 23 | 3 | 3 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 21 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 20 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 19 | 2 | 2 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 18 | 3 | 3 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 17 | 2 | 2 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 12 | 4 | 1 | --- | 1 | 2 | --- | 121 | 1 | --- | --- | 120 | --- |
| 6 | 119 | --- | --- | --- | 119 | --- | --- | --- | --- | --- | 1 | --- |
| 4 | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- |

DOMESTIC

| | | | | | | | | | | | | |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Total | 437 | 316 | 2 | 79 | 30 | 10 | 426 | 310 | --- | 79 | 29 | 8 |
| 32 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 31 | 3 | 3 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 30 | 5 | 5 | --- | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| 29 | 16 | 16 | --- | --- | --- | --- | 18 | 18 | --- | --- | --- | --- |
| 28 | 28 | 28 | --- | --- | --- | --- | 29 | 29 | --- | --- | --- | --- |
| 27 | 22 | 22 | --- | --- | --- | --- | 23 | 23 | --- | --- | --- | --- |
| 26 | 16 | 15 | 1 | --- | --- | --- | 9 | 9 | --- | --- | --- | --- |
| 25 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 24 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 16 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 15 | 19 | 3 | --- | 16 | --- | --- | 17 | 1 | --- | 16 | --- | --- |
| 14 | 120 | 104 | --- | 15 | --- | 1 | 116 | 104 | --- | 12 | --- | --- |
| 13 | 1 | 1 | --- | --- | --- | --- | 4 | 2 | --- | 2 | --- | --- |
| 12 | 2 | 1 | --- | --- | 1 | --- | 2 | 1 | --- | --- | 1 | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

KODIAK HARBOR, AK - continued

Inbound

Outbound

DOMESTIC

| | | | | | | | | | | | | |
|--------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|
| 11 | 15 | 3 | --- | 12 | --- | --- | 13 | 2 | --- | 11 | --- | --- |
| 10 | 42 | 3 | --- | 34 | --- | 5 | 46 | 6 | --- | 37 | --- | 3 |
| 9 | 7 | 5 | 1 | --- | 1 | --- | 32 | 32 | --- | --- | --- | --- |
| 8 | 31 | 28 | --- | 2 | --- | 1 | 43 | 42 | --- | 1 | --- | --- |
| 7 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- | 1 |
| 6 | 7 | 6 | --- | --- | --- | 1 | 6 | 6 | --- | --- | --- | --- |
| 5 | 1 | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- |
| 4 | 26 | --- | --- | --- | 26 | --- | 29 | --- | --- | --- | 28 | 1 |
| 3 | 1 | --- | --- | --- | 1 | --- | 1 | --- | --- | --- | --- | 1 |
| 2 | 71 | 70 | --- | --- | 1 | --- | 25 | 23 | --- | --- | --- | 2 |
| Total trips: | | | | | | | | | | | 1,132 | |

UNALASKA BAY AND ISLAND, AK

Inbound

Outbound

| | | | | | | | | | | | | |
|--------------|--------------|--------------|----------|------------|-----------|-----------|--------------|--------------|----------|------------|-----------|-----------|
| Grand | | | | | | | | | | | | |
| Total | 1,328 | 1,065 | 2 | 183 | 36 | 42 | 1,296 | 1,052 | 1 | 177 | 28 | 38 |

FOREIGN

| | | | | | | | | | | | | |
|--------------|------------|------------|----------|----------|----------|-----|------------|------------|----------|----------|----------|-----|
| Total | 529 | 519 | 2 | 5 | 3 | --- | 539 | 534 | 1 | 3 | 1 | --- |
| 34 | 56 | 56 | --- | --- | --- | --- | 56 | 56 | --- | --- | --- | --- |
| 33 | 10 | 10 | --- | --- | --- | --- | 14 | 14 | --- | --- | --- | --- |
| 32 | 19 | 19 | --- | --- | --- | --- | 16 | 16 | --- | --- | --- | --- |
| 31 | 8 | 8 | --- | --- | --- | --- | 7 | 7 | --- | --- | --- | --- |
| 30 | 4 | 4 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 29 | 3 | 2 | 1 | --- | --- | --- | 4 | 4 | --- | --- | --- | --- |
| 28 | 5 | 5 | --- | --- | --- | --- | 7 | 7 | --- | --- | --- | --- |
| 27 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 26 | 3 | 3 | --- | --- | --- | --- | 4 | 4 | --- | --- | --- | --- |
| 25 | 5 | 5 | --- | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| 24 | 6 | 6 | --- | --- | --- | --- | 8 | 8 | --- | --- | --- | --- |
| 23 | 6 | 5 | --- | --- | 1 | --- | 14 | 14 | --- | --- | --- | --- |
| 22 | 11 | 11 | --- | --- | --- | --- | 11 | 11 | --- | --- | --- | --- |
| 21 | 23 | 23 | --- | --- | --- | --- | 26 | 26 | --- | --- | --- | --- |
| 20 | 34 | 34 | --- | --- | --- | --- | 38 | 38 | --- | --- | --- | --- |
| 19 | 45 | 44 | 1 | --- | --- | --- | 49 | 48 | 1 | --- | --- | --- |
| 18 | 46 | 46 | --- | --- | --- | --- | 49 | 49 | --- | --- | --- | --- |
| 17 | 63 | 63 | --- | --- | --- | --- | 59 | 59 | --- | --- | --- | --- |
| 16 | 47 | 47 | --- | --- | --- | --- | 42 | 41 | --- | --- | 1 | --- |
| 15 | 33 | 33 | --- | --- | --- | --- | 28 | 28 | --- | --- | --- | --- |
| 14 | 32 | 30 | --- | 1 | 1 | --- | 23 | 22 | --- | 1 | --- | --- |
| 13 | 28 | 27 | --- | 1 | --- | --- | 27 | 27 | --- | --- | --- | --- |
| 12 | 18 | 17 | --- | 1 | --- | --- | 25 | 25 | --- | --- | --- | --- |
| 11 | 11 | 11 | --- | --- | --- | --- | 12 | 12 | --- | --- | --- | --- |
| 10 | 2 | 1 | --- | 1 | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 9 | 2 | 1 | --- | 1 | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 8 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 7 | 1 | --- | --- | --- | 1 | --- | 2 | --- | --- | 2 | --- | --- |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

UNALASKA BAY AND ISLAND, AK - continued
Inbound

Outbound

FOREIGN

| | | | | | | | | | | | | |
|---|---|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 6 | 4 | 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 3 | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

DOMESTIC

| | | | | | | | | | | | | |
|---------------------|------------|------------|------------|------------|-----------|-----------|------------|------------|------------|------------|--------------|-----------|
| Total | 799 | 546 | --- | 178 | 33 | 42 | 757 | 518 | --- | 174 | 27 | 38 |
| 32 | 4 | 4 | --- | --- | --- | --- | 2 | 2 | --- | --- | --- | --- |
| 31 | 5 | 5 | --- | --- | --- | --- | 3 | 3 | --- | --- | --- | --- |
| 30 | 10 | 10 | --- | --- | --- | --- | 4 | 4 | --- | --- | --- | --- |
| 29 | 11 | 11 | --- | --- | --- | --- | 5 | 5 | --- | --- | --- | --- |
| 28 | 10 | 10 | --- | --- | --- | --- | 13 | 13 | --- | --- | --- | --- |
| 27 | 13 | 13 | --- | --- | --- | --- | 12 | 12 | --- | --- | --- | --- |
| 26 | 2 | 2 | --- | --- | --- | --- | 6 | 6 | --- | --- | --- | --- |
| 25 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 19 | 1 | 1 | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 18 | 24 | 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 17 | --- | --- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- |
| 16 | 2 | --- | --- | --- | --- | 2 | --- | --- | --- | --- | --- | --- |
| 15 | 53 | 4 | --- | 47 | --- | 2 | 51 | 6 | --- | 44 | --- | 1 |
| 14 | 40 | 10 | --- | 28 | --- | 2 | 36 | 13 | --- | 22 | --- | 1 |
| 13 | 29 | 19 | --- | 6 | 1 | 3 | 24 | 15 | --- | 5 | 2 | 2 |
| 12 | 49 | 37 | --- | --- | 8 | 4 | 39 | 32 | --- | --- | 3 | 4 |
| 11 | 69 | 45 | --- | 23 | --- | 1 | 83 | 55 | --- | 27 | --- | 1 |
| 10 | 168 | 112 | --- | 52 | --- | 4 | 161 | 107 | --- | 46 | --- | 8 |
| 9 | 70 | 50 | --- | 18 | --- | 2 | 79 | 53 | --- | 23 | --- | 3 |
| 8 | 119 | 115 | --- | 1 | --- | 3 | 117 | 115 | --- | 1 | --- | 1 |
| 7 | 6 | --- | --- | 3 | --- | 3 | 9 | --- | --- | 6 | --- | 3 |
| 6 | 45 | 42 | --- | --- | --- | 3 | 45 | 42 | --- | --- | --- | 3 |
| 5 | 4 | 1 | --- | --- | 1 | 2 | 2 | 2 | --- | --- | --- | --- |
| 4 | 46 | 30 | --- | --- | 16 | --- | 45 | 30 | --- | --- | 15 | --- |
| 3 | 9 | --- | --- | --- | 1 | 8 | 11 | --- | --- | --- | 1 | 10 |
| 2 | 9 | --- | --- | --- | 6 | 3 | 7 | --- | --- | --- | 6 | 1 |
| Total trips: | | | | | | | | | | | 2,624 | |

BETHEL HARBOR, AK
(16 feet and less)

Inbound

Outbound

| | | | | | | | | | | | | |
|---------------------|------------|----------|------------|-----------|-----------|-----------|------------|----------|------------|-----------|------------|-----------|
| Grand Total | 215 | 3 | --- | 80 | 99 | 33 | 218 | 3 | --- | 79 | 102 | 34 |
| Total trips: | | | | | | | | | | | 433 | |

CORDOVA HARBOR, AK
(16 feet and less)

Inbound

Outbound

| | | | | | | | | | | | | |
|---------------------|------------|------------|------------|-----------|-----------|----------|------------|------------|------------|-----------|------------|----------|
| Grand Total | 337 | 202 | --- | 76 | 55 | 4 | 329 | 202 | --- | 71 | 53 | 3 |
| Total trips: | | | | | | | | | | | 666 | |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

CRAIG HARBOR, AK
(13 feet and less)

| | | | | | | | | | | | | |
|--------------|-------------------------|---|------|----|----|------|----------|---|------|----|----|------|
| | Inbound | | | | | | Outbound | | | | | |
| Grand | | | | | | | | | | | | |
| Total | 65 | 1 | ---- | 43 | 21 | ---- | 67 | 4 | ---- | 42 | 21 | ---- |
| | Total trips: 132 | | | | | | | | | | | |

DILLINGHAM HARBOR, AK
(16 feet and less)

| | | | | | | | | | | | | |
|--------------|-------------------------|---|------|----|----|----|----------|---|------|----|----|----|
| | Inbound | | | | | | Outbound | | | | | |
| Grand | | | | | | | | | | | | |
| Total | 85 | 3 | ---- | 32 | 30 | 20 | 90 | 3 | ---- | 33 | 33 | 21 |
| | Total trips: 175 | | | | | | | | | | | |

DOUGLAS HARBOR, AK
(15 feet and less)

| | | | | | | | | | | | | |
|--------------|------------------------|----|------|---|----|------|----------|----|------|---|----|------|
| | Inbound | | | | | | Outbound | | | | | |
| Grand | | | | | | | | | | | | |
| Total | 26 | 11 | ---- | 4 | 11 | ---- | 27 | 12 | ---- | 4 | 11 | ---- |
| | Total trips: 53 | | | | | | | | | | | |

DRY PASS, AK

No Vessel Trips Reported

EGEGIK RIVER, AK
(13 feet and less)

| | | | | | | | | | | | | |
|--------------|------------------------|---|------|----|----|---|----------|---|------|----|----|---|
| | Inbound | | | | | | Outbound | | | | | |
| Grand | | | | | | | | | | | | |
| Total | 40 | 2 | ---- | 20 | 15 | 3 | 40 | 7 | ---- | 19 | 12 | 2 |
| | Total trips: 80 | | | | | | | | | | | |

ELFIN COVE HARBOR, AK
(10 feet and less)

| | | | | | | | | | | | | |
|--------------|------------------------|------|------|---|------|---|----------|------|------|---|------|---|
| | Inbound | | | | | | Outbound | | | | | |
| Grand | | | | | | | | | | | | |
| Total | 10 | ---- | ---- | 5 | ---- | 5 | 10 | ---- | ---- | 5 | ---- | 5 |
| | Total trips: 20 | | | | | | | | | | | |

GASTINEAU CHANNEL, AK

No Vessel Trips Reported

HUMBOLDT HARBOR, AK
(15 feet and less)

| | | | | | | | | | | | | |
|--------------|-------------------------|-----|------|----|---|------|----------|-----|------|----|---|------|
| | Inbound | | | | | | Outbound | | | | | |
| Grand | | | | | | | | | | | | |
| Total | 153 | 138 | ---- | 14 | 1 | ---- | 154 | 140 | ---- | 12 | 2 | ---- |
| | Total trips: 307 | | | | | | | | | | | |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------|--------|------------|----------------------------|--------|------------------------|------------------|--------|------------|----------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

JUNEAU HARBOR, AK
(24 feet and less)

| | | | | | | | | | | | | |
|-------------|-------|-------|-------|-----|-----|----|-----------|-------|-------|--------------|-----|----|
| Upbound | | | | | | | Downbound | | | | | |
| Grand Total | 2,392 | 1,750 | ----- | 323 | 282 | 37 | 2,360 | 1,733 | ----- | 317 | 279 | 31 |
| | | | | | | | | | | Total trips: | | |
| | | | | | | | | | | 4,752 | | |

KAKE HARBOR, AK
(25 feet and less)

| | | | | | | | | | | | | |
|-------------|-----|-----|-------|----|----|-------|----------|-----|-------|--------------|----|-------|
| Inbound | | | | | | | Outbound | | | | | |
| Grand Total | 233 | 116 | ----- | 64 | 53 | ----- | 228 | 117 | ----- | 62 | 49 | ----- |
| | | | | | | | | | | Total trips: | | |
| | | | | | | | | | | 461 | | |

KING COVE LAGOON, AK
(15 feet and less)

| | | | | | | | | | | | | |
|-------------|-----|-----|-------|----|----|-------|----------|-----|-------|--------------|----|-------|
| Inbound | | | | | | | Outbound | | | | | |
| Grand Total | 232 | 172 | ----- | 46 | 14 | ----- | 238 | 171 | ----- | 53 | 14 | ----- |
| | | | | | | | | | | Total trips: | | |
| | | | | | | | | | | 470 | | |

NAKNEK RIVER, AK
(17 feet and less)

| | | | | | | | | | | | | |
|-------------|-----|----|-------|----|----|----|-----------|----|-------|--------------|----|----|
| Upbound | | | | | | | Downbound | | | | | |
| Grand Total | 183 | 30 | ----- | 81 | 53 | 19 | 158 | 24 | ----- | 71 | 45 | 18 |
| | | | | | | | | | | Total trips: | | |
| | | | | | | | | | | 341 | | |

NINILCHIK HARBOR, AK
(4 feet and less)

| | | | | | | | | | | | | |
|-------------|---|---|-------|-------|-------|-------|----------|---|-------|--------------|-------|-------|
| Inbound | | | | | | | Outbound | | | | | |
| Grand Total | 9 | 9 | ----- | ----- | ----- | ----- | 4 | 4 | ----- | ----- | ----- | ----- |
| | | | | | | | | | | Total trips: | | |
| | | | | | | | | | | 13 | | |

NOME, AK
(16 feet and less)

| | | | | | | | | | | | | |
|-------------|-----|---|-------|----|----|---|----------|---|-------|--------------|----|---|
| Inbound | | | | | | | Outbound | | | | | |
| Grand Total | 140 | 8 | ----- | 74 | 53 | 5 | 136 | 9 | ----- | 71 | 52 | 4 |
| | | | | | | | | | | Total trips: | | |
| | | | | | | | | | | 276 | | |

OLD HARBOR, AK
(11 feet and less)

| | | | | | | | | | | | | |
|-------------|---|---|-------|---|-------|---|----------|---|-------|--------------|-------|---|
| Inbound | | | | | | | Outbound | | | | | |
| Grand Total | 9 | 7 | ----- | 1 | ----- | 1 | 9 | 7 | ----- | 1 | ----- | 1 |
| | | | | | | | | | | Total trips: | | |
| | | | | | | | | | | 18 | | |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

PELICAN HARBOR, AK
(15 feet and less)

| | | | | | | | | | | | | |
|--------------------|---------------------|-----------|------|-----------|-----------|-----------|-----------|-----------|------|-----------|------------|-----------|
| | Inbound | | | | | | Outbound | | | | | |
| Grand Total | 67 | 17 | ---- | 24 | 16 | 10 | 66 | 17 | ---- | 24 | 15 | 10 |
| | Total trips: | | | | | | | | | | 133 | |

PETERSBURG HARBOR, AK
(17 feet and less)

| | | | | | | | | | | | | |
|--------------------|---------------------|------------|------|------------|------------|-----------|--------------|------------|------|------------|--------------|-----------|
| | Inbound | | | | | | Outbound | | | | | |
| Grand Total | 1,217 | 567 | ---- | 376 | 245 | 29 | 1,194 | 569 | ---- | 348 | 248 | 29 |
| | Total trips: | | | | | | | | | | 2,411 | |

PORT ALEXANDER, AK
No Vessel Trips Reported**SELDOVIA HARBOR, AK**
(16 feet and less)

| | | | | | | | | | | | | |
|--------------------|---------------------|-----------|------|----------|------|------|-----------|-----------|------|----------|------------|------|
| | Inbound | | | | | | Outbound | | | | | |
| Grand Total | 61 | 57 | ---- | 4 | ---- | ---- | 63 | 58 | ---- | 4 | 1 | ---- |
| | Total trips: | | | | | | | | | | 124 | |

SERGIUS AND WHITESTONE NARROWS, AK
(17 feet and less)

| | | | | | | | | | | | | |
|--------------------|---------------------|-----------|------|------------|------------|----------|------------|-----------|------|------------|------------|----------|
| | Upbound | | | | | | Downbound | | | | | |
| Grand Total | 496 | 83 | ---- | 210 | 202 | 1 | 495 | 79 | ---- | 194 | 220 | 2 |
| | Total trips: | | | | | | | | | | 991 | |

SITKA HARBOR, AK
(25 feet and less)

| | | | | | | | | | | | | |
|--------------------|---------------------|--------------|------|------------|------------|------|--------------|--------------|------|------------|--------------|------|
| | Inbound | | | | | | Outbound | | | | | |
| Grand Total | 2,083 | 1,683 | ---- | 194 | 206 | ---- | 2,133 | 1,694 | ---- | 226 | 213 | ---- |
| | Total trips: | | | | | | | | | | 4,216 | |

SKAGWAY HARBOR, AK
(30 feet and less)

| | | | | | | | | | | | | |
|--------------------|---------------------|------------|------|-----------|-----------|----------|------------|------------|------|-----------|--------------|----------|
| | Inbound | | | | | | Outbound | | | | | |
| Grand Total | 819 | 644 | ---- | 98 | 71 | 6 | 812 | 644 | ---- | 96 | 71 | 1 |
| | Total trips: | | | | | | | | | | 1,631 | |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

STIKINE RIVER, AK
(6 feet and less)

| | | | | | | | | | | | | |
|-------------|---------|----|------|----|----|------|----------|----|------|----|--------------|------|
| | Inbound | | | | | | Outbound | | | | | |
| Grand Total | 75 | 21 | ---- | 39 | 15 | ---- | 99 | 21 | ---- | 39 | 39 | ---- |
| | | | | | | | | | | | Total trips: | 174 |

AFOGNAK BAY, AK
(32 feet and less)

| | | | | | | | | | | | | |
|-------------|---------|----|------|---|---|------|----------|----|------|---|--------------|------|
| | Inbound | | | | | | Outbound | | | | | |
| Grand Total | 82 | 77 | ---- | 2 | 3 | ---- | 84 | 79 | ---- | 2 | 3 | ---- |
| | | | | | | | | | | | Total trips: | 166 |

CHATHAM STRAIT, AK
(29 feet and less)

| | | | | | | | | | | | | |
|-------------|---------|-------|------|-----|-----|----|-----------|-------|------|-----|--------------|-------|
| | Upbound | | | | | | Downbound | | | | | |
| Grand Total | 1,921 | 1,024 | ---- | 459 | 408 | 30 | 2,432 | 1,480 | ---- | 463 | 433 | 56 |
| | | | | | | | | | | | Total trips: | 4,353 |

CLARENCE STRAIT, AK
(34 feet and less)

| | | | | | | | | | | | | |
|-------------|---------|-------|------|-----|-----|----|-----------|-------|---|-----|--------------|-------|
| | Upbound | | | | | | Downbound | | | | | |
| Grand Total | 2,907 | 1,573 | ---- | 657 | 623 | 54 | 2,544 | 1,119 | 6 | 710 | 661 | 48 |
| | | | | | | | | | | | Total trips: | 5,451 |

FREDERICK SOUND, AK
(29 feet and less)

| | | | | | | | | | | | | |
|-------------|---------|-----|------|-----|-----|----|-----------|-------|------|-----|--------------|-------|
| | Upbound | | | | | | Downbound | | | | | |
| Grand Total | 1,835 | 825 | ---- | 546 | 430 | 34 | 2,291 | 1,269 | ---- | 548 | 431 | 43 |
| | | | | | | | | | | | Total trips: | 4,126 |

ICY STRAIT, AK
(30 feet and less)

| | | | | | | | | | | | | |
|-------------|---------|-------|------|-----|-----|----|-----------|-------|------|-----|--------------|-------|
| | Upbound | | | | | | Downbound | | | | | |
| Grand Total | 3,163 | 2,624 | ---- | 280 | 226 | 33 | 3,161 | 2,612 | ---- | 300 | 224 | 25 |
| | | | | | | | | | | | Total trips: | 6,324 |

NICHOLS PASSAGE, AK
(24 feet and less)

| | | | | | | | | | | | | |
|-------------|---------|-----|------|----|-----|---|-----------|-----|------|-----|--------------|-------|
| | Upbound | | | | | | Downbound | | | | | |
| Grand Total | 589 | 244 | ---- | 97 | 244 | 4 | 595 | 245 | ---- | 107 | 239 | 4 |
| | | | | | | | | | | | Total trips: | 1,184 |

Trips and Drafts of Vessels, 1994
(draft in feet)

| Draft | Self Propelled Vessels | | | | Non-Self Propelled Vessels | | Self Propelled Vessels | | | | Non-Self Propelled Vessels | |
|-------|------------------------|------------------------|--------|---------------|-------------------------------|--------|------------------------|------------------------|--------|---------------|-------------------------------|--------|
| | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker | Total | Pass & Dry Cargo | Tanker | Tow or Tug | Dry Cargo | Tanker |

NIKISHKA, AK
(38 feet and less)

| | | | | | | | | | | | | |
|--------------|---------------------|---|----|----|----|----|----------|-------|----|----|----|-----|
| | Inbound | | | | | | Outbound | | | | | |
| Grand | | | | | | | | | | | | |
| Total | 197 | 1 | 95 | 52 | 37 | 12 | 206 | ----- | 97 | 53 | 43 | 13 |
| | Total trips: | | | | | | | | | | | 403 |

PRINCE WALES IS. WEST SIDE, AK
(30 feet and less)

| | | | | | | | | | | | | |
|--------------|---------------------|----|-------|-----|-----|----|----------|----|-------|-----|-----|-----|
| | Inbound | | | | | | Outbound | | | | | |
| Grand | | | | | | | | | | | | |
| Total | 344 | 37 | ----- | 168 | 128 | 11 | 346 | 35 | ----- | 170 | 130 | 11 |
| | Total trips: | | | | | | | | | | | 690 |

REVILLAGIGADO CHANNEL, AK
(36 feet and less)

| | | | | | | | | | | | | |
|--------------|---------------------|-------|----|-----|-----|----|-----------|-------|---|-----|-----|-------|
| | Upbound | | | | | | Downbound | | | | | |
| Grand | | | | | | | | | | | | |
| Total | 3,059 | 2,125 | 10 | 453 | 423 | 48 | 2,782 | 1,892 | 5 | 422 | 425 | 38 |
| | Total trips: | | | | | | | | | | | 5,841 |

STEPHENS PASSAGE, AK
(29 feet and less)

| | | | | | | | | | | | | |
|--------------|---------------------|-------|-------|-----|-----|----|-----------|-------|-------|-----|-----|-------|
| | Upbound | | | | | | Downbound | | | | | |
| Grand | | | | | | | | | | | | |
| Total | 2,423 | 1,736 | ----- | 347 | 307 | 33 | 2,421 | 1,738 | ----- | 341 | 304 | 38 |
| | Total trips: | | | | | | | | | | | 4,844 |

SUMNER STRAIT, AK
(17 feet and less)

| | | | | | | | | | | | | |
|--------------|---------------------|-------|-------|-----|-----|----|-----------|-----|-------|-----|-----|-------|
| | Upbound | | | | | | Downbound | | | | | |
| Grand | | | | | | | | | | | | |
| Total | 2,479 | 1,201 | ----- | 654 | 567 | 57 | 2,095 | 733 | ----- | 675 | 628 | 59 |
| | Total trips: | | | | | | | | | | | 4,574 |

TONGASS NARROWS, AK
(34 feet and less)

| | | | | | | | | | | | | |
|--------------|---------------------|-----|---|-----|-----|----|-----------|-----|---|-----|-----|-------|
| | Upbound | | | | | | Downbound | | | | | |
| Grand | | | | | | | | | | | | |
| Total | 1,307 | 204 | 3 | 543 | 507 | 50 | 1,285 | 205 | 3 | 544 | 498 | 35 |
| | Total trips: | | | | | | | | | | | 2,592 |

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(sorted by 1994 commodity codes)

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|--|---|
| 0200 Vehicles | 4115 Transported Vehicles (E.G. Ferried Autos) |
| | 4116 Railway Cars (Loaded) |
| ..... | 4117 Railway Cars (Empty) |
| 0300 Passengers | 4114 Passengers Only |
| 1100 Coal & Lignite | 1121 Coal and Lignite |
| 1200 Coke | 2920 Coke, Including Petroleum Coke |
| 2100 Crude Petroleum | 1311 Crude Petroleum |
| 2211 Gasoline | 2911 Gasoline, Including Additives |
| ..... | 2912 Jet Fuel |
| 2221 Kerosene | 2913 Kerosene |
| 2330 Distillate Fuel Oil | 2914 Distillate Fuel Oil |
| 2340 Residual Fuel Oil | 2915 Residual Fuel Oil |
| 2350 Lube Oil & Greases | 2916 Lubricating Oil and Greases |
| 2410 Petro. Jelly & Waxes | 2991 Petroleum and Coal Products, NEC |
| 2429 Naphtha & Solvents | 2917 Naphtha, Mineral Spirits, Solvent, NEC |
| 2430 Asphalt, Tar & Pitch | 2918 Asphalt, Tar and Pitches |
| 2540 Petroleum Coke | 2920 Coke, Including Petroleum Coke |
| 2640 Liquid Natural Gas | 2921 Liquefied Petroleum Gases, Coal Gas, Nat Gas/Liquid |
| 2990 Petro. Products NEC | 2991 Petroleum and Coal Products, NEC |
| ..... | 3113 Coke (coal & petroleum), petroleum pitches and asphalts, and naphtha and solvents |
| 3110 Nitrogenous Fert. | 2871 Nitrogenous Chemical Fertilizers, Except Mixtures |
| 3120 Phosphatic Fert. | 2873 Phosphatic Chemical Fertilizers, Except Mixtures |
| 3130 Potassic Fert. | 2872 Potassic Chemical Fertilizers, Except Mixtures |
| 3190 Fert. & Mixes NEC | 1479 Natural Fertilizer Materials, NEC |
| ..... | 2879 Fertilizers and Fertilizer Materials, NEC |
| 3211 Acyclic Hydrocarbons | 2811 Crude Products from Coal, Tar, Petroleum & Nat Gas |
| 3212 Benzene & Toluene | 2817 Benzene and Toluene, Crude and Commercially Pure |
| 3219 Other Hydrocarbons | 2811 Crude Products from Coal, Tar, Petroleum & Nat Gas |
| 3220 Alcohols | 2813 Alcohols |
| 3230 Carboxylic Acids | 2819 Basic Chemicals & Basic Chemical Products, NEC |
| 3240 Nitrogen Func Comp | 2819 Basic Chemicals & Basic Chemical Products, NEC |
| 3250 Organo-Inorgan Comp | 2819 Basic Chemicals & Basic Chemical Products, NEC |
| 3260 Organic Comp NEC | 2819 Basic Chemicals & Basic Chemical Products, NEC |
| 3271 Sulphur (Liquid) | 1493 Sulphur, Liquid |
| 3272 Sulphuric Acid | 2818 Sulphuric Acid |
| 3273 Ammonia | 2819 Basic Chemicals & Basic Chemical Products, NEC |
| 3274 Sodium Hydroxide | 2810 Sodium Hydroxide (Caustic Soda) |
| 3275 Inorg. Elem., Oxides, & Halogen Salts | 2819 Basic Chemicals & Basic Chemical Products, NEC |
| 3276 Metallic Salts | 2819 Basic Chemicals & Basic Chemical Products, NEC |
| 3279 Inorganic Chem. NEC | 2819 Basic Chemicals & Basic Chemical Products, NEC |
| 3281 Radioactive Material | 2816 Radioactive & Associated Materials, Including Waste |
| 3282 Pigments & Paints | 2851 Paints, Varnishes, Lacquers, Enamels & Allied Prods |
| 3283 Coloring Mat. NEC | 2812 Dyes, Organic Pigment, Dyeing & Tanning Materials |
| 3284 Medicines | 2831 Drugs (Biological Prod, Medicinal Chem, Pharmaceut) |
| 3285 Perfumes & Cleansers | 2841 Soap, Detergents & Cleaning Preps, Perfume, Cosmetics |
| 3286 Plastics | 2821 Plastics, Cellulose & Resins, Film, Sheeting, Laminate |
| 3291 Pesticides | 2876 Insecticides, Fungicides, Pesticides & Disinfectants |
| 3292 Starches, Gluten, Glue | 2891 Miscellaneous Chemical Products |
| 3293 Explosives | 1911 Ordnance and Accessories |
| 3297 Chemical Additives | 2891 Miscellaneous Chemical Products |

Publication Commodity Codes Cross Reference List (continued)
(sorted by 1994 commodity codes)

| 1994 Commodity | 1989 Commodity |
|---------------------------|---|
| 3298 Wood & Resin Chem. | 2861 Gum and Wood Chemicals |
| 3299 Chem. Products NEC | 2891 Miscellaneous Chemical Products |
| 4110 Rubber & Gums | 0841 Crude Rubber and Allied Gums |
| 4150 Fuel Wood | 2413 Fuel Wood, Charcoal and Wastes |
| 4161 Wood Chips | 2416 Wood Chips, Staves, Molding and Excelsior |
| 4170 Wood in the Rough | 2411 Logs |
| ..... | 2412 Rafted Logs |
| ..... | 2414 Timber, Posts, Poles, Piling & Other Wood in the Rough |
| ..... | 2415 Pulpwood Logs |
| 4189 Lumber | 2421 Lumber |
| 4190 Forest Products NEC | 0861 Forest Products, Not Elsewhere Classified |
| 4225 Pulp & Waste Paper | 2611 Pulp |
| ..... | 4024 Paper Waste and Scrap |
| 4310 Building Stone | 1412 Building Stone, Unworked |
| 4322 Limestone | 1411 Limestone Flux and Calcareous Stone |
| 4323 Gypsum | 1494 Gypsum, Crude and Plasters |
| 4327 Phosphate Rock | 1471 Phosphate Rock |
| 4331 Sand & Gravel | 1442 Sand, Gravel and Crushed Rock |
| 4333 Dredged Material | 4029 Waste and Scrap, Not Elsewhere Classified |
| 4335 Waterway Improv. Mat | 4118 Waterway Improvement Materials, Govt Materials |
| 4338 Soil & Fill Dirt | 1499 Nonmetallic Minerals, Except Fuels, NEC |
| 4410 Iron Ore | 1011 Iron Ore and Concentrates |
| 4420 Iron & Steel Scrap | 4011 Iron and Steel Scrap |
| 4515 Marine Shells | 0931 Marine Shells, Unmanufactured |
| 4630 Copper Ore | 1021 Copper Ore and Concentrates |
| 4650 Aluminum Ore | 1051 Bauxite and Other Aluminum Ores and Concentrates |
| 4670 Manganese Ore | 1061 Manganese Ores and Concentrates |
| 4680 Non-Ferrous Scrap | 4012 Nonferrous Metal Scrap |
| 4690 Non-Ferrous Ores NEC | 1091 Nonferrous Metal Ores and Concentrates, NEC |
| 4741 Sulphur, (Dry) | 1492 Sulphur, Dry |
| 4782 Clay & Refrac. Mat. | 1451 Clay, Ceramic and Refractory Materials |
| 4783 Salt | 1491 Salt |
| 4860 Slag | 3312 Slag |
| 4900 Non-Metal. Min. NEC | 1499 Nonmetallic Minerals, Except Fuels, NEC |
| 5110 Newsprint | 2621 Standard Newsprint Paper |
| 5120 Paper & Paperboard | 2631 Paper and Paperboard |
| 5190 Paper Products NEC | 2691 Pulp, Paper and Paperboard Products, NEC |
| 5210 Lime | 3271 Lime |
| 5220 Cement & Concrete | 3241 Building Cement |
| 5240 Glass & Glass Prod. | 3211 Glass and Glass Products |
| 5290 Misc. Mineral Prod. | 2951 Asphalt Building Materials |
| ..... | 3251 Structural Clay Products, Including Refractories |
| ..... | 3281 Cut Stone and Stone Products |
| ..... | 3291 Miscellaneous Nonmetallic Mineral Products |
| 5312 Pig Iron | 3311 Pig Iron |
| 5315 Ferro Alloys | 3318 Ferroalloys |
| 5320 I&S Primary Forms | 3314 Iron and Steel Ingots and Other Primary Forms |
| 5330 I&S Plates & Sheets | 3316 Iron and Steel Plates and Sheets |
| 5360 I&S Bars & Shapes | 3315 Iron and Steel Bars, Rods, Angles, Shapes & Sections |
| 5370 I&S Pipe & Tube | 3317 Iron and Steel Pipe and Tube |
| 5390 Primary I&S NEC | 3319 Primary Iron & Steel Prods, NEC Incl Rough Castings |
| 5421 Copper | 3322 Copper & Copper Alloys, Refined, Unrefined, Unworked |

Publication Commodity Codes Cross Reference List (continued)
(sorted by 1994 commodity codes)

| 1994 Commodity | 1989 Commodity |
|---------------------------|---|
| 5422 Aluminum | 3324 Aluminum and Aluminum Alloys, Unworked |
| 5429 Smelted Prod. NEC | 3321 Nonferrous Metals Primary Smelter Prod, Wire Castng |
| ..... | 3323 Lead and Zinc Including Alloys, Unworked |
| 5480 Fab. Metal Products | 3411 Fabricated Metal Prods, Exc Machinery, Transp Equip |
| 5540 Primary Wood Prod. | 2431 Veneer, Plywood and Other Worked Wood |
| 6134 Fish (Not Shellfish) | 0911 Fresh Fish, Except Shellfish |
| ..... | 0913 Menhaden |
| 6136 Shellfish | 0912 Shellfish, Except Prepared or Preserved |
| 6241 Wheat | 0107 Wheat |
| 6344 Corn | 0103 Corn |
| 6442 Rice | 0105 Rice |
| 6443 Barley & Rye | 0102 Barley and Rye |
| 6445 Oats | 0104 Oats |
| 6447 Sorghum Grains | 0106 Sorghum Grains |
| 6521 Peanuts | 0119 Oilseeds, Not Elsewhere Classified |
| 6522 Soybeans | 0111 Soybeans |
| 6534 Flaxseed | 0112 Flaxseed |
| 6590 Oilseeds NEC | 0119 Oilseeds, Not Elsewhere Classified |
| 6653 Vegetable Oils | 2091 Vegetable Oils, All Grades; Margarine & Shortening |
| 6654 Vegetables & Prod. | 0141 Fresh and Frozen Vegetables |
| ..... | 2034 Vegetables & Preparations, Canned, Prepared & Presvd |
| 6746 Wheat Flour | 2041 Wheat Flour and Semolina |
| 6747 Grain Mill Products | 2049 Grain Mill Products, Not Elsewhere Classified |
| 6781 Hay & Fodder | 0122 Hay and Fodder |
| 6782 Animal Feed, Prep. | 2042 Animal Feeds |
| 6811 Meat, Fresh, Frozen | 2011 Meat, Fresh, Chilled, or Frozen |
| 6817 Meat, Prepared | 2012 Meat & Meat Products Prepared, Preserved or Canned |
| 6822 Dairy Products | 2021 Dairy Products, Except Dried Milk and Cream |
| ..... | 2022 Dried Milk and Cream |
| 6835 Fish, Prepared | 2031 Fish & Fish Products, Incl Shellfish, Prep & Presvd |
| 6838 Tallow, Animal Oils | 2014 Tallow, Animal Fats and Oils |
| ..... | 2092 Animal Oils and Fats, Not Elsewhere Classified |
| 6839 Animals & Prod. NEC | 0151 Live Animals (Livestock) Excl Zoo Animals, Dogs, Etc |
| ..... | 0161 Animals and Animal Products, NEC |
| ..... | 2015 Animal By-Products, Not Elsewhere Classified |
| 6856 Bananas & Plantains | 0132 Bananas and Plantains |
| 6857 Fruit & Nuts NEC | 0131 Fresh Fruit |
| 6858 Fruit Juices | 2039 Fruit, Fruit & Vegetable Juices Canned, Prep, Presvd |
| 6861 Sugar | 2061 Sugar |
| 6865 Molasses | 2062 Molasses |
| 6871 Coffee | 0133 Coffee, Green and Roasted (Including Instant) |
| 6872 Cocoa Beans | 0134 Cocoa Beans |
| 6885 Alcoholic Beverages | 2081 Alcoholic Beverages |
| 6887 Groceries | 2094 Groceries |
| 6888 Water & Ice | 2095 Ice |
| ..... | 4111 Water |
| 6889 Food Products NEC | 2099 Miscellaneous Food Products |
| 6891 Tobacco & Products | 0121 Tobacco, Leaf |
| ..... | 2111 Tobacco Manufactured |
| 6893 Cotton | 0101 Cotton, Raw |
| 6894 Natural Fibers NEC | 2212 Textile Fibers, Not Elsewhere Classified |

Publication Commodity Codes Cross Reference List (continued)
(sorted by 1994 commodity codes)

| 1994 Commodity | 1989 Commodity |
|---------------------------|---|
| 6899 Farm Products NEC | 0129 Field Crops, Not Elsewhere Classified |
| ..... | 0191 Miscellaneous Farm Products |
| 7110 Machinery (Not Elec) | 3511 Machinery, Except Electrical |
| 7120 Electrical Machinery | 3611 Electrical Machinery, Equipment and Supplies |
| 7210 Vehicles & Parts | 3711 Motor Vehicles, Parts and Equipment |
| 7220 Aircraft & Parts | 3721 Aircraft and Parts |
| 7230 Ships & Boats | 3731 Ships and Boats |
| 7300 Ordnance & Access. | 1911 Ordnance and Accessories |
| 7400 Manufac. Wood Prod. | 2491 Wood Manufactures, Not Elsewhere Classified |
| 7500 Textile Products | 2211 Basic Textile Products, Except Textile Fibers |
| ..... | 2311 Apparel & Other Finished Textile Products,Inc Knit |
| ..... | 2823 Synthetic (Man-Made) Fiber |
| ..... | 4022 Textile Waste, Scrap and Sweepings |
| 7600 Rubber & Plastic Pr. | 2822 Synthetic Rubber |
| ..... | 3011 Rubber and Miscellaneous Plastic Products |
| 7800 Empty Containers | 4119 Empty Containers |
| 7900 Manufac. Prod. NEC | 2311 Apparel & Other Finished Textile Products,Inc Knit |
| 7900 Manufac. Prod. NEC | 2511 Furniture and Fixtures |
| ..... | 2711 Printed Matter |
| ..... | 3111 Leather and Leather Products |
| ..... | 3791 Miscellaneous Transportation Equipment |
| ..... | 3811 Instruments,Photographic/Optical Goods,Watches,Clk |
| ..... | 3911 Miscellaneous Products of Manufacturing |
| 8900 Waste and Scrap NEC | 4029 Waste and Scrap, Not Elsewhere Classified |
| 9900 Unknown or NEC | 4113 LCL Freight |
| ..... | 9999 Dept of Defense Controlled Cargo & Special Items |

Publication Commodity Codes Cross Reference List
(sorted by 1989 commodity codes)

| 1994 Commodity | 1989 Commodity |
|---------------------------|---|
| 6893 Cotton | 0101 Cotton, Raw |
| 6443 Barley & Rye | 0102 Barley and Rye |
| 6344 Corn | 0103 Corn |
| 6445 Oats | 0104 Oats |
| 6442 Rice | 0105 Rice |
| 6447 Sorghum Grains | 0106 Sorghum Grains |
| 6241 Wheat | 0107 Wheat |
| 6522 Soybeans | 0111 Soybeans |
| 6534 Flaxseed | 0112 Flaxseed |
| 6521 Peanuts | 0119 Oilseeds, Not Elsewhere Classified |
| 6590 Oilseeds NEC | ..... |
| 6891 Tobacco & Products | 0121 Tobacco, Leaf |
| 6781 Hay & Fodder | 0122 Hay and Fodder |
| 6899 Farm Products NEC | 0129 Field Crops, Not Elsewhere Classified |
| 6857 Fruit & Nuts NEC | 0131 Fresh Fruit |
| 6856 Bananas & Plantains | 0132 Bananas and Plantains |
| 6871 Coffee | 0133 Coffee, Green and Roasted (Including Instant) |
| 6872 Cocoa Beans | 0134 Cocoa Beans |
| 6654 Vegetables & Prod. | 0141 Fresh and Frozen Vegetables |
| 6839 Animals & Prod. NEC | 0151 Live Animals (Livestock) Excl Zoo Animals,Dogs,Etc |
| 6839 Animals & Prod. NEC | 0161 Animals and Animal Products, NEC |
| 6899 Farm Products NEC | 0191 Miscellaneous Farm Products |
| 4110 Rubber & Gums | 0841 Crude Rubber and Allied Gums |
| 4190 Forest Products NEC | 0861 Forest Products, Not Elsewhere Classified |
| 6134 Fish (Not Shellfish) | 0911 Fresh Fish, Except Shellfish |
| 6136 Shellfish | 0912 Shellfish, Except Prepared or Preserved |
| 6134 Fish (Not Shellfish) | 0913 Menhaden |
| 4515 Marine Shells | 0931 Marine Shells, Unmanufactured |
| 4410 Iron Ore | 1011 Iron Ore and Concentrates |
| 4630 Copper Ore | 1021 Copper Ore and Concentrates |
| 4650 Aluminum Ore | 1051 Bauxite and Other Aluminum Ores and Concentrates |
| 4670 Manganese Ore | 1061 Manganese Ores and Concentrates |
| 4690 Non-Ferrous Ores NEC | 1091 Nonferrous Metal Ores and Concentrates, NEC |
| 1100 Coal & Lignite | 1121 Coal and Lignite |
| 2100 Crude Petroleum | 1311 Crude Petroleum |
| 4322 Limestone | 1411 Limestone Flux and Calcareous Stone |
| 4310 Building Stone | 1412 Building Stone, Unworked |
| 4331 Sand & Gravel | 1442 Sand, Gravel and Crushed Rock |
| 4782 Clay & Refrac. Mat. | 1451 Clay, Ceramic and Refractory Materials |
| 4327 Phosphate Rock | 1471 Phosphate Rock |
| 3190 Fert and Mixes NEC | 1479 Natural Fertilizer Materials, NEC |
| 4783 Salt | 1491 Salt |
| 4741 Sulphur, (Dry) | 1492 Sulphur, Dry |
| 3271 Sulphur (Liquid) | 1493 Sulphur, Liquid |
| 4323 Gypsum | 1494 Gypsum, Crude and Plasters |
| 4338 Soil & Fill Dirt | 1499 Nonmetallic Minerals, Except Fuels, NEC |
| 4900 Non-Metal. Min. NEC | ..... |
| 3293 Explosives | 1911 Ordnance and Accessories |
| 7300 Ordnance & Access. | ..... |
| 6811 Meat, Fresh, Frozen | 2011 Meat, Fresh, Chilled, or Frozen |
| 6817 Meat, Prepared | 2012 Meat & Meat Products Prepared, Preserved or Canned |

Publication Commodity Codes Cross Reference List (continued)
(sorted by 1989 commodity codes)

| 1994 Commodity | 1989 Commodity |
|--|---|
| 6838 Tallow, Animal Oils | 2014 Tallow, Animal Fats and Oils |
| 6839 Animals & Prod. NEC | 2015 Animal By-Products, Not Elsewhere Classified |
| 6822 Dairy Products | 2021 Dairy Products, Except Dried Milk and Cream |
| 6822 Dairy Products | 2022 Dried Milk and Cream |
| 6835 Fish, Prepared | 2031 Fish & Fish Products, Incl Shellfish, Prep & Presvd |
| 6654 Vegetables & Prod. | 2034 Vegetables & Preparations, Canned, Prepared & Presvd |
| 6858 Fruit Juices | 2039 Fruit, Fruit & Vegetable Juices Canned, Prep, Presvd |
| 6746 Wheat Flour | 2041 Wheat Flour and Semolina |
| 6782 Animal Feed, Prep. | 2042 Animal Feeds |
| 6747 Grain Mill Products | 2049 Grain Mill Products, Not Elsewhere Classified |
| 6861 Sugar | 2061 Sugar |
| 6865 Molasses | 2062 Molasses |
| 6885 Alcoholic Beverages | 2081 Alcoholic Beverages |
| 6653 Vegetable Oils | 2091 Vegetable Oils, All Grades; Margarine & Shortening |
| 6838 Tallow, Animal Oils | 2092 Animal Oils and Fats, Not Elsewhere Classified |
| 6887 Groceries | 2094 Groceries |
| 6888 Water & Ice | 2095 Ice |
| 6889 Food Products NEC | 2099 Miscellaneous Food Products |
| 6891 Tobacco & Products | 2111 Tobacco Manufactures |
| 7500 Textile Products | 2211 Basic Textile Products, Except Textile Fibers |
| 6894 Natural Fibers NEC | 2212 Textile Fibers, Not Elsewhere Classified |
| 7500 Textile Products | 2311 Apparel & Other Finished Textile Products, Inc Knit |
| 4170 Wood in the Rough | 2411 Logs |
| 4170 Wood in the Rough | 2412 Rafted Logs |
| 4150 Fuel Wood | 2413 Fuel Wood, Charcoal and Wastes |
| 4170 Wood in the Rough | 2414 Timber, Posts, Poles, Piling & Other Wood in the Rough |
| 4170 Wood in the Rough | 2415 Pulpwood Logs |
| 4161 Wood Chips | 2416 Woodchips, Staves, Molding and Excelsior |
| 4189 Lumber | 2421 Lumber |
| 5540 Primary Wood Prod. | 2431 Veneer, Plywood and Other Worked Wood |
| 7400 Manufac. Wood Prod. | 2491 Wood Manufactures, Not Elsewhere Classified |
| 7900 Manufac. Prod. NEC | 2511 Furniture and Fixtures |
| 4225 Pulp & Waste Paper | 2611 Pulp |
| 5110 Newsprint | 2621 Standard Newsprint Paper |
| 5120 Paper & Paperboard | 2631 Paper and Paperboard |
| 5190 Paper Products NEC | 2691 Pulp, Paper and Paperboard Products, NEC |
| 7900 Manufac. Prod. NEC | 2711 Printed Matter |
| 3274 Sodium Hydroxide | 2810 Sodium Hydroxide (Caustic Soda) |
| 3211 Acyclic Hydrocarbons | 2811 Crude Products from Coal, Tar, Petroleum & Nat Gas |
| 3219 Other Hydrocarbons | 2811 |
| 3283 Coloring Mat. NEC | 2812 Dyes, Organic Pigment, Dyeing & Tanning Materials |
| 3220 Alcohols | 2813 Alcohols |
| 3281 Radioactive Material | 2816 Radioactive & Associated Materials, Including Waste |
| 3212 Benzene & Toluene | 2817 Benzene and Toluene, Crude and Commercially Pure |
| 3272 Sulphuric Acid | 2818 Sulphuric Acid |
| 3230 Carboxylic Acids | 2819 Basic Chemicals & Basic Chemical Products, NEC |
| 3240 Nitrogen Func. Comp. | ..... |
| 3250 Organo-Inorgan Comp | ..... |
| 3260 Organic Comp. NEC | ..... |
| 3273 Ammonia | ..... |
| 3275 Inorg Elem, Oxides, & Halogen Salts | ..... |
| 3276 Metallic Salts | ..... |

Publication Commodity Codes Cross Reference List (continued)
(sorted by 1989 commodity codes)

| 1994 Commodity | 1989 Commodity |
|--------------------------------|--|
| 3279 Inorganic Chem. NEC | ..... |
| 3286 Plastics | 2821 Plastics,Cellulose & Resins,Film,Sheeting,Laminate |
| 7600 Rubber & Plastic Products | 2822 Synthetic Rubber |
| 7500 Textile Products | 2823 Synthetic (Man-Made) Fiber |
| 3284 Medicines | 2831 Drugs (Biological Prod,Medicinal Chem,Pharmaceut) |
| 3285 Perfumes & Cleansers | 2841 Soap,Detergents & Cleaning Preps,Perfume,Cosmetics |
| 3282 Pigments & Paints | 2851 Paints, Varnishes, Lacquers, Enamels & Allied Prod |
| 3298 Wood & Resin Chem. | 2861 Gum and Wood Chemicals |
| 3110 Nitrogenous Fert. | 2871 Nitrogenous Chemical Fertilizers, Except Mixtures |
| 3130 Potassic Fert. | 2872 Potassic Chemical Fertilizers, Except Mixtures |
| 3120 Phosphatic Fert. | 2873 Phosphatic Chemical Fertilizers, Except Mixtures |
| 3291 Pesticides | 2876 Insecticides,Fungicides,Pesticides & Disinfectants |
| 3190 Fert. & Mixes NEC | 2879 Fertilizers and Fertilizer Materials, NEC |
| 3292 Starches,Gluten,Glue | 2891 Miscellaneous Chemical Products |
| 3297 Chemical Additives | ..... |
| 3299 Chem. Products NEC | ..... |
| 2211 Gasoline | 2911 Gasoline, Including Additives |
| 2211 Gasoline | 2912 Jet Fuel |
| 2221 Kerosene | 2913 Kerosene |
| 2330 Distillate Fuel Oil | 2914 Distillate Fuel Oil |
| 2340 Residual Fuel Oil | 2915 Residual Fuel Oil |
| 2350 Lube Oil & Greases | 2916 Lubricating Oil and Greases |
| 2429 Naphtha & Solvents | 2917 Naphtha, Mineral Spirits, Solvent, NEC |
| 2430 Asphalt, Tar & Pitch | 2918 Asphalt, Tar and Pitches |
| 1200 Coke | 2920 Coke, Including Petroleum Coke |
| 2540 Petroleum Coke | ..... |
| 2640 Liquid Natural Gas | 2921 Liquified Petroleum Gases,Coal Gas,Nat Gas/Liquid |
| 5290 Misc. Mineral Prod. | 2951 Asphalt Building Materials |
| 2410 Petro. Jelly & Waxes | 2991 Petroleum and Coal Products, NEC |
| 2990 Petro. Products NEC | 2991 Petroleum and Coal Products, NEC |
| 7600 Rubber & Plastic Pr. | 3011 Rubber and Miscellaneous Plastic Products |
| 7900 Manufac. Prod. NEC | 3111 Leather and Leather Products |
| 5240 Glass & Glass Prod. | 3211 Glass and Glass Products |
| 5220 Cement & Concrete | 3241 Building Cement |
| 5290 Misc. Mineral Prod. | 3251 Structural Clay Products, Including Refractories |
| 5210 Lime | 3271 Lime |
| 5290 Misc. Mineral Prod. | 3281 Cut Stone and Stone Products |
| 5290 Misc. Mineral Prod. | 3291 Miscellaneous Nonmetallic Mineral Products |
| 5312 Pig Iron | 3311 Pig Iron |
| 4860 Slag | 3312 Slag |
| 2990 Petro. Products NEC | 3313 Coke(coal & petroleum), petroleum pitches and asphalts, and naphtha and solvents |
| 5320 I&S Primary Forms | 3314 Iron and Steel Ingots and Other Primary Forms |
| 5360 I&S Bars & Shapes | 3315 Iron and Steel Bars,Rods,Angles,Shapes & Sections |
| 5330 I&S Plates & Sheets | 3316 Iron and Steel Plates and Sheets |
| 5370 I&S Pipe & Tube | 3317 Iron and Steel Pipe and Tube |
| 5315 Ferro Alloys | 3318 Ferroalloys |
| 5390 Primary I&S NEC | 3319 Primary Iron & Steel Prods,NEC Incl Rough Castings |
| 5429 Smelted Prod. NEC | 3321 Nonferrous Metals Primary Smelter Prod,Wire Castng |
| 5421 Copper | 3322 Copper & Copper Alloys, Refined,Unrefined,Unworked |
| 5429 Smelted Prod. NEC | 3323 Lead and Zinc Including Alloys, Unworked |

Publication Commodity Codes Cross Reference List (continued)
(sorted by 1989 commodity codes)

| 1994 Commodity | 1989 Commodity |
|---------------------------|--|
| 5422 Aluminum | 3324 Aluminum and Aluminum Alloys, Unworked |
| 5480 Fab. Metal Products | 3411 Fabricated Metal Prods, Exc Machinery, Transp Equip |
| 7110 Machinery (Not Elec) | 3511 Machinery, Except Electrical |
| 7120 Electrical Machinery | 3611 Electrical Machinery, Equipment and Supplies |
| 7210 Vehicles & Parts | 3711 Motor Vehicles, Parts and Equipment |
| 7220 Aircraft & Parts | 3721 Aircraft and Parts |
| 7230 Ships & Boats | 3731 Ships and Boats |
| 7900 Manufac. Prod. NEC | 3791 Miscellaneous Transportation Equipment |
| 7900 Manufac. Prod. NEC | 3811 Instruments, Photographic/Optical Goods, Watches, Clk |
| 7900 Manufac. Prod. NEC | 3911 Miscellaneous Products of Manufacturing |
| 4420 Iron & Steel Scrap | 4011 Iron and Steel Scrap |
| 4680 Non-Ferrous Scrap | 4012 Nonferrous Metal Scrap |
| 7500 Textile Products | 4022 Textile Waste, Scrap and Sweepings |
| 4225 Pulp & Waste Paper | 4024 Paper Waste and Scrap |
| 4333 Dredged Material | 4029 Waste and Scrap, NEC |
| 8900 Waste and Scrap NEC | ..... |
| 6888 Water & Ice | 4111 Water |
| 9900 Unknown or NEC | 4112 Misc Shipments not Identifiable by Commodity |
| 9900 Unknown or NEC | 4113 LCL Freight |
| 0300 Passengers | 4114 Passengers Only |
| 0200 Vehicles | 4115 Transported Vehicles (E.G. Ferried Autos) |
| 0200 Vehicles | 4116 Railway Cars (Loaded) |
| 0200 Vehicles | 4117 Railway Cars (Empty) |
| 4335 Waterway Improv. Mat | 4118 Waterway Improvement Materials, Govt Materials |
| 7800 Empty Containers | 4119 Empty Containers |
| 9900 Unknown or NEC | 9999 Dept of Defense Controlled Cargo & Special Items |

ORDERING GUIDE FOR THE NAVIGATION DATA CENTER REPORTS

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 Estimated Waterborne Commerce Statistics, National Totals and Selected Inland Waterways
 Summary of United States Flag Vessels
 Summary of Lock Statistics (Contact: Bob Baldwin, (703) 355-2047)

* Effective with the calendar year 1994 publications.

** Prices have yet to be determined.

Material may be ordered from Waterborne Commerce Statistics Center, U.S. Army Corps of Engineers, P.O. Box 61280, New Orleans, LA 70161-1280. Checks or money orders should be made out to FAO-USAED, New Orleans. Point of contact is Mr. Roy Walsh (504) 862-1424 or Mr. Thomas Mire (504) 862-1470; FAX (504) 862-1423.

Ordering Guide for Port Series Reports

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|------------|---|--------------------------------|------------------------|
| 1 | Portland and Seaport, ME, and Portsmouth, NH | 1985 | \$ 7.00 |
| 3 | Boston, MA | 1994 | 14.00 |
| 4 | Ports of Southern New England (Bridgeport, New Haven and New London, CT; Providence, RI; Fall River and New Bedford, MA) | 1994 | 17.00 |
| 5 | New York, NY, and NJ, and Ports on Long Island, NY | 1988 | 15.50 |
| 6 | Albany and Ports on Hudson River, NY | 1996* | - |
| 8 | Philadelphia, PA; Camden, NJ; Wilmington, DE; and Ports on Delaware River | 1984 | 10.00 |
| 10 | Baltimore, MD | 1991 | 8.00 |
| 11 | Ports of Hampton Roads, and Ports on the James and York Rivers, VA | 1993 | 26.00 |
| 12 | Wilmington and Morehead City, NC | 1987 | 7.00 |
| 13 | Charleston and Georgetown, SC | 1987 | 7.00 |
| 14 | Savannah and Brunswick, GA | 1990 | 7.50 |
| 15 | Jacksonville and Fernandina Beach, FL | 1986 | 7.00 |
| 16 | Miami, Port Everglades, Palm Beach, and Port Canaveral, FL | 1991 | 8.50 |
| 17 | Tampa and Port Manatee, FL | 1996* | - |
| 18 | Mobile, AL | 1986 | 6.50 |
| 19 | Panama City and Pensacola, FL; Pascagoula and Gulfport, MS; and Ports on the Apalachicola, Chattahoochee, and Flint Rivers | 1986 | 9.50 |
| 20 | New Orleans, LA | 1990 | 10.00 |
| 20A | Mississippi River Ports Below and Above New Orleans, LA | 1992 | 10.50 |
| 21 | Baton Rouge and Lake Charles, LA | 1990 | 11.00 |
| 22 | Port Arthur, Beaumont, and Orange, TX | 1988 | 8.00 |
| 23 | Galveston and Texas City, TX | 1995* | - |
| 24 | Houston, TX | 1989 | 10.00 |
| 25 | Corpus Christi, TX | 1993 | 10.00 |
| 26 | Freeport, Point Comfort/Port Lavaca, Brownsville, and Ports along Gulf Intracoastal Waterway, TX | 1991 | 10.00 |
| 27 | San Diego, CA | 1987 | 6.50 |
| 28 | Los Angeles, Long Beach, and Port Hueneme, CA | 1985 | 8.50 |
| 30 | San Francisco, Redwood City, and Humboldt Bay, CA | 1991 | 8.00 |
| 31 | Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA | 1991 | 8.00 |
| 32 | Sacramento, Stockton, Pittsburg and Antioch, Ca | 1986 | 7.00 |
| 33 | Coos Bay, OR and Ports on Columbia-Snake River System (Astoria, The Dalles, Boardman, and Umatilla, OR; Longview, Kalama, Vancouver, Pasco/Kennewick, Wilma, and Clarkston, WA; and Lewiston, ID) | 1986 | 11.00 |
| 34 | Portland, OR | 1985 | 7.00 |
| 35 | The Ports of Tacoma, Grays Harbor, and Olympia, WA | 1993 | 13.00 |
| 36 | Seattle, WA | 1993 | 19.00 |
| 37 | Port Angeles, Port Townsend, Everett, Anacortes, and Bellingham, WA. | 1987 | 7.50 |
| 38 | Ports of Alaska (Anchorage, Kenai, Valdez, Kodiak, Unalaska, Kotzebue, Nome, Bethel, Ketchikan, Wrangell, Petersburg, Sitka, Juneau, etc.) | 1995* | - |
| 39 | Ports of Southwest and Western Alaska | 1995 | 20.00 |
| 41 | Buffalo, NY | 1990 | 6.50 |
| 42 | U.S. Ports on Lake Erie (Erie, PA; Conneaut, Ashtabula, Fairport Harbor, Lorain, Huron, and Sandusky, OH) | 1990 | 8.50 |
| 43 | Cleveland, OH | 1989 | 7.00 |
| 44 | Toledo, OH | 1989 | 6.00 |
| 45 | Detroit and Ports on the Saginaw River, MI | 1996* | - |
| 46 | Chicago, IL | 1995 | 20.00 |
| 48 | The Port of Milwaukee, WI and Ports on Lake Michigan | 1995 | 23.00 |
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| 70 | St. Louis, MO, and Ports on Upper Mississippi River Miles 0-300 AOR | 1992 | 9.50 |
| 71 | Memphis, TN; Helena, AR; and Ports on Lower Mississippi River Miles 620-954 AHP | 1994 | 10.00 |
| 72 | Natchez, Vicksburg, and Greenville, MS, and Ports on Lower Mississippi River Miles 255-620 AHP | 1991 | 8.00 |

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